DEVELOPMENT REVIEW BOARD REPORT

Meeting Date:	January 9, 2024
General Plan Element:	*Character and Design*
General Plan Goal:	*Foster quality design that enhances Scottsdale as a unique southwestern desert community.*

ACTION

HonorHealth Shea Parking Garage **26-DR-2024**	Request for approval of a site plan, landscape plan, and building elevations for a new 4-story parking garage comprised of approximately 472 parking spaces on a +/- 2.97-acre portion of the overall 17.2-acre HonorHealth Shea Campus site.

SUMMARY

Staff Recommendation

Approve, subject to the attached stipulations (Attachment #6)

Items for Consideration

- Conformance with the Development Review Board Criteria – staff confirms
- Integration of Sensitive Design Principles – staff confirms
- Consistency with the HonorHealth Development Plan approved under case 1-ZN-2009
- No community input received as of the date of this report

BACKGROUND

Location: 9003 E Shea Boulevard

Zoning: Special Campus, Planned Community District (SC PCD)

Adjacent Uses

North: Overall HonorHealth Shea Campus site, further north: APS Cactus substation zoned Single-family Residential (R1-35)

East: Greenbelt, further east: McCormick Ranch Center offices zoned Special Campus, Planned Community District (SC PCD)

South: City owned Public Library (Mustang Library) zoned Open Space, Planned Community District (SC PCD)

West: Retail center zoned Planned Regional Center, Planned Community District (PRC PCD)

Property Owner

HonorHealth

Applicant

Fatima Garcia, Lamar Johnson Collaborative
(480) 388-7688

Architect/Designer

Clayco

Engineer

Dibble & Associates Consulting Engineers

DEVELOPMENT PROPOSAL

The HonorHealth Shea Campus is requesting approval of a new 4-level above-grade parking garage to replace the existing surface-grade parking lot on a +/- 2.97-acre portion of the overall +/- 17.2-acre hospital site totaling +/-202,760 square feet of floor area. The proposed parking garage will contain 472 parking spaces replacing the existing 190 surface parking spaces netting a total increase of 282 parking spaces at the site. The architectural finishes and overall character of the of the new parking garage will be contemporary in style with perforated metal paneling, bronze coated accents, a cantilevered shade entryway, and cast-in-place concrete upper levels contrasted against the ground floor CMU. Additionally, the proposal will include a new pedestrian bridge extending from the 2nd level of the garage to the adjacent Labor and Delivery building. Lighting poles mounted on the roof parking deck will be low-scale and centered near the middle of the parking deck to minimize the appearance of the lighting fixtures. Enhanced landscaping along the site's frontage will contain a diverse palette of drought-tolerant plants consistent with the Development Plan including several new pedestrian amenity areas added throughout the development site. Access to the proposed garage will be served by the existing driveway approximately 320-feet north of the 90th Street roundabout and from the east towards the existing greenbelt bridge.

Significant Updates to Development Proposal Since Initial Submittal

During staff review of the development proposal, comments were provided to the applicant to update the development proposal which resulted in the following updates:

- General updates to the garage design to more closely align with the City's design policies.
- Updates to the landscape and hardscape plan in conformance with the Development Plan.
- Adjustments to the parking deck lighting to minimize glare and visibility of proposed fixtures.
- Maintaining the existing on-site pedestrian connection towards the 90th Street crosswalk.

Development Review Board Criteria

Staff confirms that the development proposal generally meets the applicable Development Review Board Criteria. For a detailed analysis of the Criteria, please see Attachment #4.

Sustainability

The City of Scottsdale promotes the goal of sustainability through the incorporation of appropriate design considerations in the development of the built environment. This development proposal incorporates several design elements that align with the City's goal of sustainability including the use of low water use plant species, incorporation of LID practices (rainwater harvesting), and use of low energy consumption LED lighting. In addition, the parking garage will comply with the EV charging infrastructure requirements of the International Green Construction Code (IgCC).

STAFF RECOMMENDED ACTION

Staff recommends that the Development Review Board approve the HonorHealth Shea Parking Garage development proposal per the attached stipulations, finding that the Character and Design Element of the General Plan and Scottsdale Healthcare Shea Medical Center Development Plan and Development Review Board Criteria have been met.

RESPONSIBLE DEPARTMENTS	STAFF CONTACTS
Planning and Development Services Current Planning Services	Bryan Cluff Planning & Development Area Manager 480-312-2258 bcluff@ScottsdaleAZ.gov

APPROVED BY

for 12/30/2024

Wayland Barton, Report Author Date

1/2/2025

Brad Carr, AICP, LEED-AP, Planning & Development Area Manager Date
Development Review Board Liaison
Phone: 480-312-7713 Email: bcarr@scottsdaleaz.gov

ATTACHMENTS

1. Context Aerial
2. Close-up Aerial
3. Applicant's Narrative
4. Development Review Board Criteria Analysis
5. Development Information
6. Stipulations / Zoning Ordinance Requirements
7. Combined Context Aerial and Site Plan
8. Site Plan
9. Open Space Plan
10. Landscape Plan
11. Building Elevations
12. Perspectives
13. Materials and Colors Board
14. Electrical Site Plan
15. Exterior Photometrics Plan
16. Exterior Lighting Cutsheets
17. Zoning Map
18. Elevation Transition Plan
19. Site Details and Amenity Features
20. Floor Plans
21. Conceptual Phasing Plan (Development Plan – 1-ZN-2009)

Context Aerial

26-DR-2024

Close-up Aerial

26-DR-2024

Lamar Johnson Collaborative

September 13th, 2024

City of Scottsdale
Planning And Development
7447 E. Indian School Rd., Suite 105
Scottsdale, AZ, 85251

HonorHealth Shea Parking Garage

Project Narrative:
A new 4-story parking garage structure supporting the HonorHealth Labor and Delivery building. The garage will be located on the corner of N 90th St. and E Scottsdale Healthcare Shea, just north of the Mustang Library. It will contain 466 parking stalls to resolve the issues found in the current parking conditions - where daily parking needs exceed the existing surface lot's capacity. This existing condition triggers traffic issues associated with the 90th St. traffic lights, the hospital entrance and patient drop-off, and the nearby private parking lots.

With the construction of this garage, Honor Health plans to alleviate the burden of the current parking needs by providing a solution that is effective, safe for pedestrians and users, and provides an aesthetic that responds to the City of Scottsdale design guidelines while connecting visually to the existing hospital.

General Building Information:
The new structure will be cast-in-place concrete, with post-tension slabs, and concrete crash walls. The current phase is planned for a total of 4 floors, but the structure is designed to be able to expand to a potential 5th floor in the future.

The garage will be connected to the existing hospital by a bridge on the second level. This bridge provides direct access to the Labor and Delivery lobby, simplifying the arrival experience for patients and expecting parents.

Vehicles will enter the site through the turn-in from 90th St. and onto an internal loop road that connects to the garage, as well as provides a direct route through the rest of the Shea Campus. The internal road also serves as the fire lane, along with a portion of the pedestrian plaza that provides clear access to fire trucks.

Pedestrians entering from 90th St. are redirected to a walking path to the north to minimize crossing through traffic, thus enhancing overall vehicular and pedestrian circulation and safety.

Aesthetics and Design:
The landscape design boasts a wide array of native and drought resistant planting that provides a backdrop for the entrance of the Shea Medical Center. Water harvesting is a notable feature of the landscape design, aiming to capture rainwater in two retention gardens to the north of the garage, all while providing public visitors with seating and areas of respite. A pedestrian plaza between the existing

26-DR-2024
9/25/2024

4300 E. Camelback Rd., Suite 300, Phoenix, AZ 85018 (602) 833-6075 theljc.com

medical center and garage offers cafe-style seating surrounded by native planting, offering a convenient social gathering space for public visitors, as well as a venue space for community events.

The garage's exterior will be clad with custom perforated bronze metal panels along the north, west, and south exterior elevations, around the two exit stairs at the northwest and northeast corners, and along the pedestrian bridge. The ground floor is painted a warm brown to complement the bronze perforated metal screens and contrast the rest of the garage painted in a light beige. The southwest corner holds space for a painted mural that can be visible by passing pedestrians.

Architect Contact:
Fatima Garcia
Project Manager
garciaf@theljc.com
480-388-7688

DEVELOPMENT REVIEW BOARD CRITERIA ANALYSIS

Per Section 1.904. of the Zoning Ordinance, in considering any application for development, the Development Review Board shall be guided by the following criteria:

1. The Board shall examine the design and theme of the application for consistency with the design and character components of the applicable guidelines, development standards, Design Standards and Policies Manual, master plans, character plan and General Plan.
   - *The applicant states that the project will respond well to the design guidelines while supporting the goals of the City.*
   - *Staff finds that the proposed development is generally consistent with the Zoning Ordinance, prior Development Plan, and the Character and Design elements of the General Plan which designates the site as Cultural/Institution/Public Use.*
2. The architectural character, landscaping and site design of the proposed development shall:
   a. Promote a desirable relationship of structures to one another, to open spaces and topography, both on the site and in the surrounding neighborhood;
   b. Avoid excessive variety and monotonous repetition;
   c. Recognize the unique climatic and other environmental factors of this region to respond to the Sonoran Desert environment, as specified in the Sensitive Design Principles;
   d. Conform to the recommendations and guidelines in the Environmentally Sensitive Lands (ESL) Ordinance, in the ESL Overlay District; and
   e. Incorporate unique or characteristic architectural features, including building height, size, shape, color, texture, setback or architectural details, in the Historic Property Overlay District.
   - *The applicant states that the proposed development will provide a necessary update to the hospital site including the incorporation of new amenity gathering areas, safer pedestrian paths, more parking spaces, and a contemporary appearance for the aging hospital.*
   - *Staff finds that the proposed development promotes a desirable relationship with the surrounding character of the site including the adjacent commercial center. The proposed building has a contemporary design that utilizes warm color tones, appropriate metal finishes and adequate massing. The articulation of the proposed garage establishes a suitable transition from the 90th Street frontage consistent with the stepback requirements of the Development Plan. Additionally, a diverse palette of drought-tolerant landscaping is proposed at the prominent corners of the main driveway with an enhanced planting schedule included along the 90th Street frontage. The plant placement includes a more uniform installation of desert plants to reflect the refined and orderly nature of the hospital environment consistent with the Master Landscape Plan. The site is not located within the ESL Overlay District nor the Historic Preservation Overlay District.*
3. Ingress, egress, internal traffic circulation, off-street parking facilities, loading and service areas and pedestrian ways shall be designed as to promote safety and convenience.
   - *The applicant states that the access and circulation pattern will remain relatively unchanged with the development proposal. Vehicles will continue to enter the site through the main driveway entrance along 90th Street with an internal loop road connecting traffic towards the greenbelt. An additional loop road will be provided around the garage to further assist emergency service vehicle operations. Pedestrian ways will be enhanced with the addition of a new sidewalk to the north of the main driveway entry.*

- *Staff finds that the ingress, egress, internal traffic circulation, off-street parking facilities, loading and service areas and pedestrian ways have been designed to promote safety and convenience. The proposed parking layout provides a desirable relationship with the existing hospital site connecting pedestrians towards the adjacent commercial center and throughout the subject site itself.*

4. If provided, mechanical equipment, appurtenances and utilities, and their associated screening shall be integral to the building design.
   - *The applicant states that all mechanical equipment will be fully screened from the view of the public with units concealed behind the crash barrier walls of the upper levels of the garage and located interior to the overall subject site. Ground equipment will be screened by a combination of screen walls and landscaping.*
   - *Staff finds that the proposed development accounts for integrated screening of associated mechanical equipment into the garage and orientated furthest from pedestrian ways including screen walls and landscaping for ground-mounted equipment.*
5. Within the Downtown Area, building and site design shall:
   a. Demonstrate conformance with the Downtown Plan Urban Design & Architectural Guidelines;
   b. Incorporate urban and architectural design that address human scale and incorporate pedestrian-oriented environment at the street level;
   c. Reflect contemporary and historic interpretations of Sonoran Desert architectural traditions, by subdividing the overall massing into smaller elements, expressing small scale details, and recessing fenestrations;
   d. Reflect the design features and materials of the urban neighborhoods in which the development is located; and
   e. Incorporate enhanced design and aesthetics of building mass, height, materials and intensity with transitions between adjacent/abutting Type 1 and Type 2 Areas, and adjacent/abutting Type 2 Areas and existing development outside the Downtown Area.
   - *This criterion is not applicable.*
6. The location of artwork provided in accordance with the Cultural Improvement Program or Public Art Program shall address the following criteria:
   a. Accessibility to the public;
   b. Location near pedestrian circulation routes consistent with existing or future development or natural features;
   c. Location near the primary pedestrian or vehicular entrance of a development;
   d. Location in conformance with Design Standards and Policies Manual for locations affecting existing utilities, public utility easements, and vehicular sight distance requirements; and
   e. Location in conformance to standards for public safety.
   - *This criterion is not applicable.*

DEVELOPMENT INFORMATION

Zoning History

The site was annexed into the City in 1963 (Ord. #168) and zoned to the Single-family Residential (R1-35) zoning designation. The subject property of approximately 60-acres was part of the original McCormick Ranch Master Development Plan encompassing +/-4,044-acres of overall land area. In 1974, approximately 517-acres within McCormick Ranch were rezoned to Planned Community District (PCD) under case 57-ZN-1974. Several parcels were later allocated in 1981 and a Conditional Use Permit granted for the establishment of the hospital (case 32-UP-1981).

Community Involvement

With the submittal of the application, staff notified all property owners within 750 feet of the site. As of the publishing of this report, staff has not received any community input regarding the application.

Context

Located on the east side of N. 90th Street, at the northeast corner of the roundabout, the site is situated in an area devoted almost exclusively to medical office and commercial uses within the overall McCormick Ranch Center. The remaining extents of the overall HonorHealth Shea Campus reaches Shea Boulevard to the north. The campus is bordered by the abutting greenbelt towards the east that bisects the overall McCormick Ranch Center. Please see the attached graphics for more information.

Project Data

- Existing Use: Surface grade parking lot (subject site)
- Proposed Use: Above grade parking structure (subject site)
- Parcel Size: +/-2.97-acres (subject site)
  +/-17.2-acres (overall site)
- Building Area: +/-202,760 square feet
- Building Height Allowed: 120 feet (per Development Plan)
- Building Height Proposed: 53 feet 11 inches (inclusive of rooftop appurtenances)
- Parking Required: 5,257 spaces (Shea Campus)
- Parking Provided: 5,709 spaces (including 282 net spaces with garage)
- Open Space Required: 20% net lot area (522,965 square feet overall)
- Open Space Provided: 58,280 square feet (subject site)

Stipulations for the Development Review Board Application: HonorHealth Shea Parking Garage Case Number: 26-DR-2024

These stipulations are intended to protect the public health, safety, welfare, and the City of Scottsdale.

APPLICABLE DOCUMENTS AND PLANS:

1. Except as required by the Scottsdale Revised Code (SRC), the Design Standards and Policies Manual (DSPM), and the other stipulations herein, the site design and construction shall substantially conform to the following documents:
   a. Architectural elements, including dimensions, materials, form, color, and texture shall be constructed to be consistent with the building elevations submitted by Clayco with a city staff date of 11/13/2024.
   b. The location and configuration of all site improvements shall be consistent with the site plan submitted by Clayco with a city staff date of 11/13/2024.
   c. Landscape improvements, including quantity, size, and location shall be installed to be consistent with the preliminary landscape plan submitted by Clayco with a city staff date of 11/13/2024.
   d. The case drainage report submitted by Dibble and accepted in concept by the Stormwater Management Department of the Planning and Development Services.
   e. The water basis of design report submitted by Dibble and approved with notes, to be addressed by owner with permit plans, by the Water Resources Department.

RELEVANT CASES:

Ordinance

A. At the time of review, the applicable Zoning case for the subject site was: 1-ZN-2009.

ARCHAEOLOGICAL RESOURCES:

Ordinance

B. Any development on the property is subject to the requirements of Scottsdale Revised Code, Chapter 46, Article VI, Section 46-134 - Discoveries of archaeological resources during construction.

ARCHITECTURAL DESIGN:

DRB Stipulations

2. All exterior window glazing shall be recessed a minimum of fifty (50) percent of the wall depth, including glass windows within any tower/clerestory elements. The amount or recess shall be measured from the face of the exterior wall to the face of the glazing, exclusive of external detailing. With the final plan submittal, the developer shall provide head, jamb and sill details clearly showing the amount of recess for all window types.

3. All exterior doors shall be recessed a minimum of thirty (30) percent of the wall depth, the amount of recess shall be measured from the face of the exterior wall to the face of the glazing, exclusive of external detailing. With the final plan submittal the developer shall provide head, jamb and sill details clearly showing the amount of recess for all door types.
4. Any future mural(s) applied to the exterior façade(s) of the garage structure shall require a separate Design Review approval from the City prior to installation.
5. Updates to the on-site amenity features as currently depicted within the Development Plan shall reflect a compatible design as reflected within the proposed site details.
6. Updates to the on-site lighting features as currently depicted within the Development Plan shall reflect a compatible design as reflected within the proposed exterior lighting details.

SITE DESIGN:

Ordinance

C. Prior to permit issuance, the owner shall submit a final plat for land assemblage of APNs 217-36-021A and 217-36-963.

DRB Stipulations

7. All drive aisles shall have a width of twenty-four (24) feet.
8. Sidewalk connections to North 90th Street shall be six (6) feet minimum in width.

LANDSCAPE DESIGN:

DRB Stipulations

9. Prior to the issuance of any building permit for the development project, the property owner shall submit landscape improvement plans that demonstrate how the salvaged vegetation from the site will be incorporated into the design of the landscape improvements.
10. Prior to the issuance of any building permit for the development project, the property owner shall submit landscape improvement plans that demonstrate the utilization of the City of Scottsdale Supplement to MAG Standard Specifications for the landscape and irrigation improvements within the public right-of-way/median(s).
11. With the final plans submittal, the property owner shall update the landscape plans to show all utility lines and ensure that all new trees are placed at least eight (8) feet away from any utility lines.

EXTERIOR LIGHTING:

Ordinance

D. All exterior luminaires mounted eight (8) feet or higher above finished grade, shall be directed downward.

E. Any exterior luminaire with a total initial lumen output of greater than 1600 lumens shall have an integral lighting shield.

F. Any exterior luminaire with a total initial lumen output of greater than 3050 lumens shall be directed downward and comply with the Illuminating Engineering Society of North America (IES) requirements for full cutoff.

G. The initial vertical luminance at 6-foot above grade, along the property lines shall not exceed 0.3 foot-candles. All exterior luminaires shall be included in this calculation.

DRB Stipulations

12. All exterior luminaires shall meet all IES requirements for full cutoff and shall be aimed downward and away from property line.
13. All landscape lighting directed upward shall be aimed away from property line and utilize extension visor shields to limit the view of the lamp source.
14. Landscaping lighting shall only be utilized to accent plant material with no color filters.
15. All fixtures and associated hardware, including poles, shall be flat black or dark bronze.
16. All luminaires shall be recessed or shielded so the light source is not directly visible from property line.
17. Incorporate the following parking lot and site lighting into the project's design:
    a. The maintained average horizontal luminance level, at grade on the site, shall not exceed 2.0 foot-candles. All exterior luminaires shall be included in this calculation.
    b. The maintained maximum horizontal luminance level, at grade on the site, shall not exceed 8.0 foot-candles. All exterior luminaires shall be included in this calculation.
    c. The initial vertical luminance at 6-foot above grade, along the entire property line shall not exceed 0.8 foot-candles. All exterior luminaires shall be included in this calculation.
    d. All exterior lighting shall have a color temperature of 3,000 Kelvin or less.
    e. The total lumen per luminaire shall not exceed 24,000 lumens.

WATER AND WASTEWATER:

Ordinance

H. All water and wastewater infrastructure improvements shall be constructed in accordance with this City of Scottsdale (COS) Supplement to MAG Specifications and Details, and the Design Standards and Policies Manual.

DRB Stipulations

18. Existing water and sewer service lines to this site shall be utilized, or shall be disconnected at the main pursuant to the Water Resources Department requirements.

DRAINAGE AND FLOOD CONTROL:

DRB Stipulations

19. With the civil construction document submittal, the property owner shall submit a final drainage report that demonstrates consistency with the DSPM and the case drainage report accepted in concept by the Stormwater Manager or designee.

20. If over an acre of land will be disturbed, a SWPPP and NOI will be required as part of final plans.

21. Update the FIRM index date on the G&D plan set and include the pages missing from the G&D plan set as part of final plans.

EASEMENTS DEDICATIONS:

DRB Stipulations

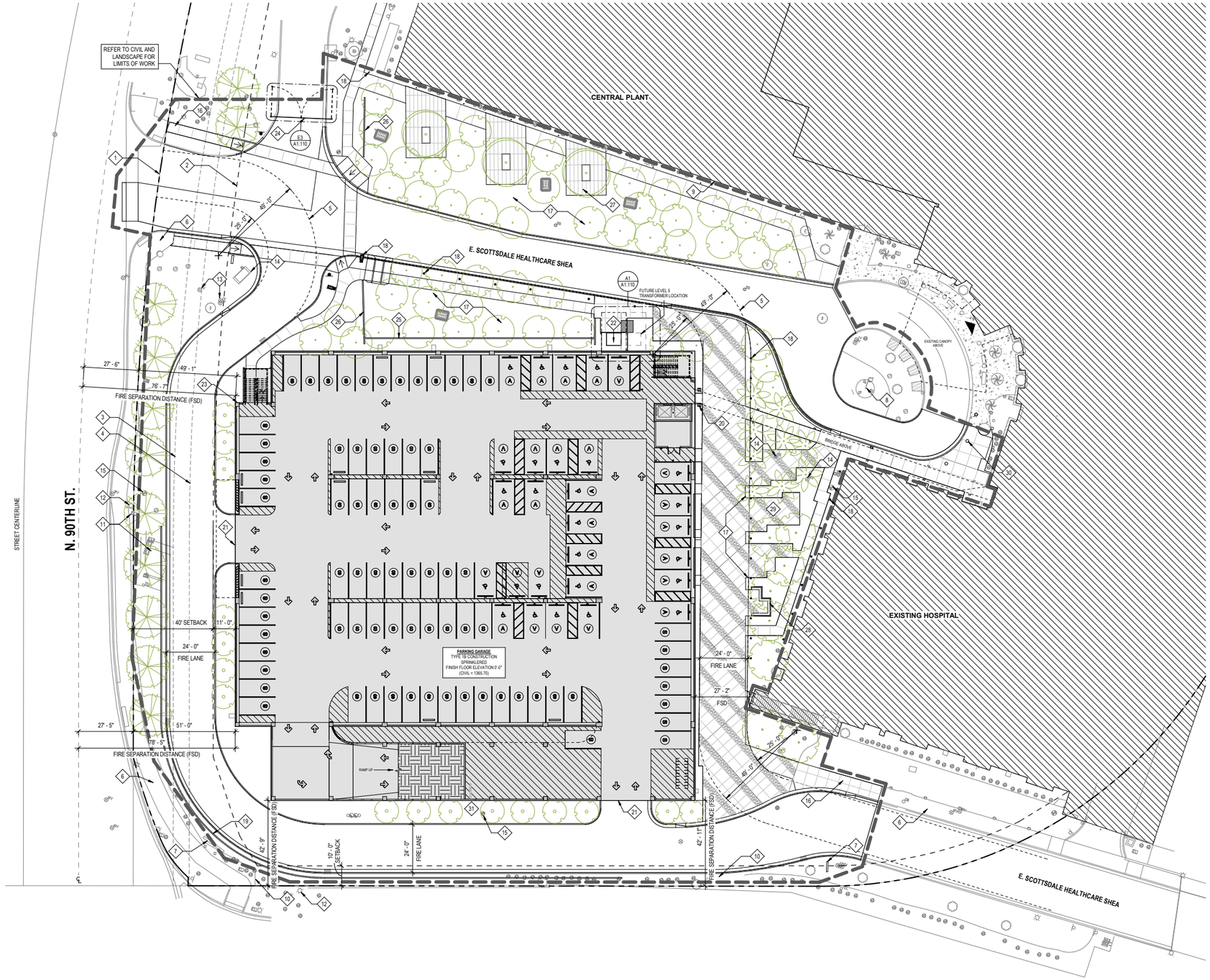
22. Prior to the issuance of any building permit for the development project, the property owner shall dedicate the following easements to the City of Scottsdale on a final plat or map of dedication:
    a. A sight distance easement, in conformance with figures 5.3-26 and 5.3-27 of Section 5.3 of the DSPM, where a sight distance triangle(s) cross on to the property.
    b. A continuous Public Non-Motorized Access Easement to the City of Scottsdale to contain any portion of the public sidewalk in locations where the sidewalk crosses on to the lot.
    c. A minimum twenty (20) foot wide Water + Sewer Facilities Easement to contain public water and sewer infrastructure located outside public right-of-way.
23. Encroachments to existing public utility easements shall be accompanied by utility consent letters prior to final plans issuance.

ADDITIONAL ITEMS:

DRB Stipulations

24. CONSTRUCTION MANAGEMENT PLAN. Prior to any permit issuance, a construction management plan that includes construction traffic routes, work force vehicle parking, and construction vehicle parking shall be provided to staff for review and approval within the architectural plan.
25. MARSHALLING AND STORAGE YARD(S). Any use of City right-of-way, including alleys, for marshalling and/or storage yards shall require prior approval of the City's Transportation Department and payment of any associated fees through the application of a Marshalling and Storage yard permit.

ATTACHMENT 7



1 A1.101 SITE PLAN
1" = 20'-0"

PROJECT NORTH
TRUE NORTH

ATTACHMENT 8

SITE PLAN NOTES

GENERAL NOTES

SITE INFORMATION

TOTAL SITE AREA: 188,382 SF (4.33 ACRES)

NEW PARKING SPACES: 472
EXISTING PARKING SPACES: 190
NET TOTAL PARKING SPACES PROVIDED: 282

ACCESSIBLE SPACES REQUIRED (INCLUDE VAN CALC): 10%

ACCESSIBLE SPACES PROVIDED: 48

BIKE PARKING PROVIDED: 10

NOTE: 53 TOTAL EXISTING BIKE PARKING ON CAMPUS

SITE KEYED NOTES

1. PROPERTY LINE
2. 40' SET BACK LINE
3. 20' INTERNAL TRANSIT EASEMENT
4. 8' PUBLIC UTILITY EASEMENT
5. MIN. 24' WIDE FIRE ACCESS LANE
6. EXISTING SIDEWALK TO REMAIN
7. EXISTING SIGN TO REMAIN
8. EXISTING FLAGPOLE TO REMAIN
9. EXISTING BUILDING TO REMAIN
10. EXISTING LANDSCAPE TO REMAIN
11. EXISTING ELECTRICAL LINES / EQUIPMENT, REFER TO CIVIL UTILITY PLAN FOR REMOVAL & RELOCATIONS
12. EXISTING LIGHT POLE TO REMAIN
13. EXISTING IRRIGATION VALVE TO REMAIN
14. EXISTING UTILITIES, REFER TO UTILITY PLAN FOR IMPROVEMENTS
15. EXISTING FIRE HYDRANT
16. SIDEWALK, REFER TO CIVIL DRAWINGS
17. LANDSCAPE & DRAINAGE IMPROVEMENTS, REFER TO LANDSCAPE & CIVIL DRAWINGS
18. SITE LIGHTING, REFER TO ELECTRICAL SITE LIGHTING PLAN
19. RETAINING WALL
20. COLUMN, REFER TO STRUCTURAL
21. GARAGE ENTRY / EXIT
22. APS TRANSFORMER, REFER TO ELECTRICAL
23. FIRE DEPT KNOX BOX
24. BARRIER GATE ARM
25. RETENTION WALL, REFER TO CIVIL
26. ALTERNATE 1: SITE WALL, REFER TO LANDSCAPE PLANS.
27. CONCRETE DECK, REFER LANDSCAPE PLANS FOR BASE BID AND ALTERNATE 1
28. ALTERNATE 1: CONCRETE SEAT BENCH, REFER TO LANDSCAPE PLANS
29. ALTERNATE 1: SITE FURNISHINGS, REFER TO LANDSCAPE PLANS
30. ALTERNATE 1: REPLACE EXISTING BOLLARDS WITH NEW
31. FDC LOCATION, REFER TO CIVIL

26-DR-2024
11/13/2024

CLAYCO
THE ART & SCIENCE OF BUILDING
4300 EAST CAMELBACK STE 300
PHOENIX, AZ 85018
Ph 602.833.6050

Lamar Johnson Collaborative
4300 EAST CAMELBACK, STE 300
PHOENIX, AZ 85018
Ph 602.833.6050

PROGRESS PRINT

HONORHEALTH SHEA

HonorHealth
9003 E. Shea Blvd. Scottsdale, AZ 85260
Development Review Resubmittal

DRAWING ISSUE

#	DESCRIPTION	DATE
	SCHEMATIC DESIGN	06/21/24
	DESIGN DEVELOPMENT	08/23/24
	95% CONSTRUCTION DOCUMENTS	10/16/24

BUILDING MAP

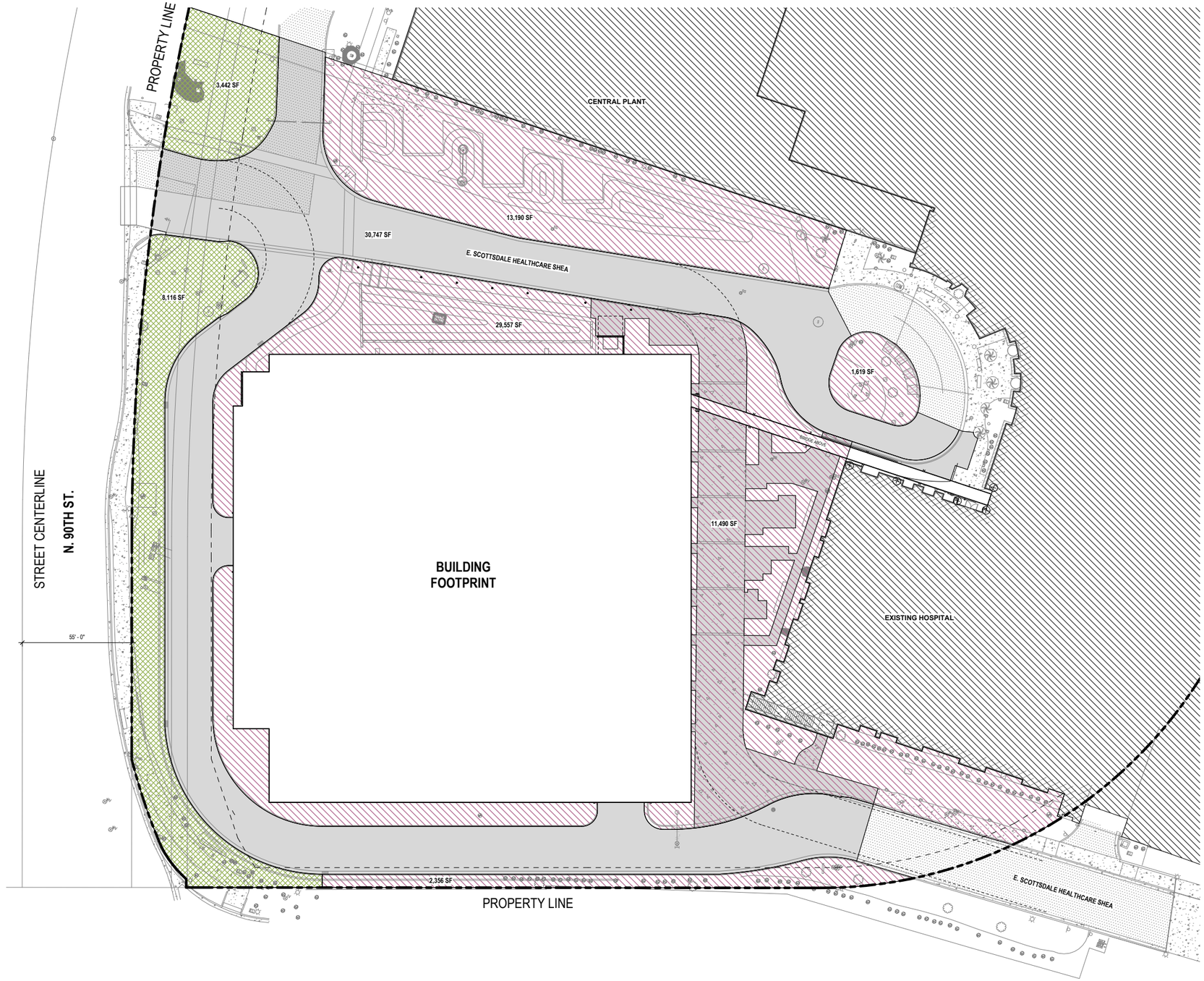
DRAWING TITLE
OVERALL ARCHITECTURAL SITE PLAN

DRAWING NO.
A1.101

Job # 008229

11/6/2024 2:40:54 PM

Copyright © Lamar Johnson Collaborative



1 A1.104 OPEN SPACE PLAN
1" = 20'-0"

PROJECT NORTH
TRUE NORTH

26-DR-2024
9/25/2024

ATTACHMENT 9

9/17/2024 4:37:16 PM

Copyright © Lamar Johnson Collaborative

SITE PLAN NOTES

GENERAL NOTES

5

SITE INFORMATION

TOTAL SITE AREA: 188,382 SF (4.33 ACRES)

PROJECT DATA ZONING: SC PCD (SPECIAL CAMPUS - PLANNED COMMUNITY DISTRICT)

BUILDING HEIGHT: 62'-7"

4

OPEN SPACE CALCULATIONS

TOTAL SITE AREA: 188,382 SF

MAXIMUM BUILDING HEIGHT: 62'-7" PROPOSED (69' ALLOWED @ 40' BUILDING SETBACK)

OPEN SPACE PROVIDED:
3,442 + 8,116 = 11,558 SF FRONT OPEN SPACE PROVIDED

29,557 + 13,190 + 2,356 + 1,619 = 46,722 SF REMAINING OPEN SPACE PROVIDED

TOTAL OPEN SPACE PROVIDED: 58,280 SF (31%)

3

LEGEND

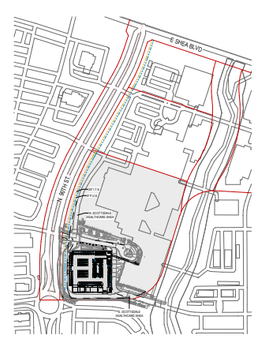
FRONT OPEN SPACE
TOTAL: 11,558 SF

REMAINING OPEN SPACE
TOTAL: 46,722 SF

CONCRETE & PAVING
TOTAL: 42,237 SF

2

CAMPUS KEY PLAN



1

CLAYCO
THE ART & SCIENCE OF BUILDING
4300 EAST CAMELBACK SITE 300
PHOENIX, AZ 85018
Ph 602.833.6050

Lamar Johnson Collaborative
4300 EAST CAMELBACK STE 300
PHOENIX, AZ 85018
Ph 602.833.6050

PROGRESS PRINT

HONORHEALTH SHEA GARAGE

HonorHealth
9003 E. Shea Blvd. Scottsdale, AZ 85260
Development Review

DRAWING ISSUE

#	DESCRIPTION	DATE
	SCHEMATIC DESIGN	06/21/24
	DESIGN DEVELOPMENT	08/23/24

BUILDING MAP

DRAWING TITLE
OPEN SPACE PLAN

DRAWING NO.
A1.104

Job # 008229

HONOR HEALTH SHEA GARAGE

SCOTTSDALE, ARIZONA

90% LANDSCAPE CONSTRUCTION DOCUMENTS

CITY OF SCOTTSDALE LANDSCAPE NOTES:

1. ALL RIGHTS-OF-WAY ADJACENT TO THIS PROPERTY SHALL BE LANDSCAPED AND MAINTAINED BY THE PROPERTY OWNER.
2. PRIOR TO THE ESTABLISHMENT OF WATER SERVICE, NONRESIDENTIAL PROJECTS WITH AN ESTIMATED ANNUAL WATER DEMAND OF TEN (10) ACRE-FEET OR MORE SHALL SUBMIT A CONSERVATION PLAN IN CONFORMANCE WITH SECTION 49-247 OF THE CITY CODE AND SHALL BE SHOWN ON LANDSCAPE PLANS SUBMITTED AT THE TIME OF FINAL PLANS.
3. TURF SHALL BE LIMITED TO THE MAXIMUM AREA SPECIFIED IN SECTIONS 49-242 THROUGH 49-249 OF THE CITY CODE AND SHALL BE SHOWN ON LANDSCAPE PLANS SUBMITTED AT THE TIME OF FINAL PLANS.
4. NEW LANDSCAPING (INCLUDING SALVAGED PLANT MATERIAL AND LANDSCAPING INDICATED TO REMAIN) WHICH IS DESTROYED, DAMAGED OR EXPIRES DURING CONSTRUCTION SHALL BE REPLACED WITH LIKE SIZE, KIND AND QUANTITY TO THE SATISFACTION OF THE INSPECTION SERVICES STAFF PRIOR TO THE ISSUANCE OF THE CERTIFICATE OF OCCUPANCY/LETTER OF ACCEPTANCE.
5. ALL RE-VEGETATED N.A.O.S. SHALL BE WATERED FOR 3 YEARS. FOLLOWING THAT PERIOD, THE IRRIGATION SYSTEMS TO THE RE-VEGETATED N.A.O.S. SHALL BE PERMANENTLY DISCONNECTED. NO IRRIGATION SHALL BE PROVIDED TO UNDISTURBED NATURAL AREA OPEN SPACE (N.A.O.S.) AREAS.
6. PROVIDE THE NATURAL OPEN SPACE (N.O.S.) AND LIMIT OF CONSTRUCTION (L.O.C.) PROTECTION PROGRAM ON THE PLANS AS FOLLOWS: NATURAL OPEN SPACE (N.O.S.), NATURAL AREA OPEN SPACE (N.A.O.S.) AND LIMITS OF CONSTRUCTION (L.O.C.) PROTECTION PROGRAM:
   - A. NO BUILDING, GRADING OR CONSTRUCTION ACTIVITY SHALL ENCROACH INTO AREAS DESIGNATED AS N.A.O.S. OR OUTSIDE THE DESIGNATED CONSTRUCTION ENVELOPE.
   - B. ALL N.A.O.S. AND AREA OUTSIDE OF THE L.O.C. SHALL BE PROTECTED FROM DAMAGE PRIOR TO AND DURING CONSTRUCTION BY THE FOLLOWING METHODS:
     - a. A REGISTERED LAND SURVEYOR SHALL STAKE ALL N.A.O.S. AND L.O.C. DISTURBANCE BASED ON THIS EXHIBIT.
     - b. THREE (3) FOOT TALL STEEL REBAR OR CITY OF SCOTTSDALE INSPECTION SERVICES APPROVED SIMILAR DEVISE SHALL BE SET ALONG THE N.A.O.S. AND L.O.C. AND BE CONNECTED WITH GOLD-COLORED ROPING BY THE CONTRACTOR PRIOR TO ANY CLEARING OR GRADING.
     - c. ALL CACTUS SUBJECT TO CITY OF SCOTTSDALE'S NATIVE PLANT ORDINANCE DIRECTLY ADJACENT TO OR WITHIN TWO FEET OF THE N.A.O.S. AND L.O.C. LINE SHALL BE FENCED WITH WIRE FENCING TO PREVENT DAMAGE.
     - d. THE STAKING, ROPING AND FENCING SHALL BE MAINTAINED INTACT BY THE CONTRACTOR DURING THE DURATION OF THE CONSTRUCTION ACTIVITY.
   - C. THE CONTRACTOR SHALL REMOVE STAKING, ROPING AND FENCING AFTER RECEIPT OF THE LETTER OF ACCEPTANCE FROM THE CITY OF SCOTTSDALE FOR ALL CONSTRUCTION WORK.
7. 50% OF ALL TREES TO HAVE A CALIPER OF 2" OR GREATER.
8. REFER TO CIVIL PLAN FOR ROUGH GRADES.
9. A SINGLE TRUNK TREE'S CALIPER SIZE, THAT IS TO BE EQUAL TO OR LESSER THAN 4", SHALL BE DETERMINED BY UTILIZING THE SMALLEST DIAMETER OF THE TRUNK 6" ABOVE FINISHED GRADE ADJACENT TO THE TRUNK.

SHEET INDEX

sheet no.	sheet description
L.1	COVER SHEET
L.2	COLOR & MATERIALS / PLANT SCHEDULES
L.3	OVERALL HARDSCAPE PLAN
L.4	ENLARGEMENT - PROJECT ENTRY
L.5	ENLARGEMENT - PEDESTRIAN PLAZA
L.5A	DIMENSION PLAN - PEDESTRIAN PLAZA
L.6	SITE DETAILS
L.7	PLANTING PLAN
L.8	IRRIGATION PLAN
L.9	PLANTING DETAILS
L.10	IRRIGATION DETAILS
L.11	NATIVE PLANT INVENTORY PLAN

PROJECT INFO

DEVELOPER / OWNER

HONOR HEALTH

9003 E. Shea Boulevard
Scottsdale, AZ 85260
Contact: Julie Walker
Tel: 623.580.5800
Email: juwalker@honorhealth.com

CIVIL ENGINEER

DIBBLE CORP

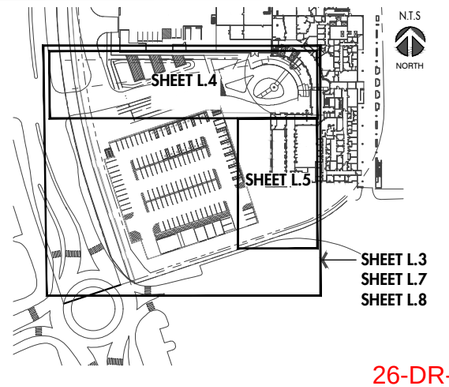
7878 N 16th Street
Phoenix, AZ 85020
Suite 300
Contact: Scott Odya
Tel: 602.957.1155
Email: Scott.Odya@dibblecorp.com

ARCHITECT

LAMAR JOHNSON COLLABORATIVE

4300 East Camelback
Suite 300
Phoenix, Arizona 85018
Contact: Brian Dolan
Tel: 708.822.7698
Email: dolanb@theljc.com

KEY MAP



26-DR-2024
11/13/2024

LANDSCAPE APPROVAL
CITY OF SCOTTSDALE APPROVAL

CASE NUMBER _____ APPROVED BY _____ DATE _____

CONSTRUCTION AND INSTALLATION SHALL BE IN ACCORDANCE WITH THIS PLAN AND ANY AND ALL DEVIATIONS WILL REQUIRE REAPPROVAL. LANDSCAPE INSTALLATION TO BE APPROVED BY CITY OF SCOTTSDALE INSPECTION SERVICES BEFORE CERT. OF OCCUPANCY IS ISSUED.

1st SUBMITTAL

DRAWN: MC
CHECKED: JS
DATE: OCTOBER 16, 2024
REVISION DATE: - -
JOB NO.: 19.01

ATTACHMENT 10

CLAYCO
THE ART & SCIENCE OF BUILDING
4300 EAST CAMELBACK STE 300
PHOENIX, ARIZONA 85018
602.653.8650

Lamar Johnson Collaborative
4300 EAST CAMELBACK STE 300
PHOENIX, AZ 85018
Ph 602.833.8050

collectiV landscape architects

PROGRESS PRINT

HONORHEALTH SHEA GARAGE
HonorHealth
9003 E. Shea Blvd. Scottsdale, AZ 85260
Development Review Resubmittal

DRAWING ISSUE

DESCRIPTION	DATE
SCHEMATIC DESIGN	06/21/24
DESIGN DEVELOPMENT	08/23/24
95% CD'S	10/16/24
Development Rev. Resubmittal	11/01/24

DRAWING TITLE: LANDSCAPE COVER SHEET
DRAWING NO.: L.1
Job # 008229

6/13/2024 3:28:22 PM

Copyright © Lamar Johnson Collaborative

E D C B A

PLANT SCHEUDULE

SYMBOL	COMMON / BOTANICAL NAME	SIZE	QTY
TREES			
	BLUE PALO VERDE / CERCIDIUM FLORIDUM MULTI-TRUNK, MATCHED, 12' H X 9' W X 4" CAL MIN. (48" BOX)	4" CAL.	11
	DATE PALM / PHOENIX DACTYLIFERA NEW DIAMOND CUT/ MATCHED HEIGHT/ STRAIGHT TRUNKS	16' TRUNK HT.	9
	DESERT IRONWOOD / OLNEYA TESOTA SELECT FOR SPECIMEN QUALITY & INTERESTING BRANCHING. FINAL SELECTION BY LANDSCPE ARCHITECT. 12' HEIGHT X 10' WIDE 4" MINIMUM TOTAL CALIPER, 1.5" MIN. INDIVIDUAL TRUNK AVERAGE CAL.	4" CAL.	3
	DESERT WILLOW BUBBA / CHILOPSIS LINEARIS 'BUBBA' 7'H X 4'W X 1.5" CAL. MULTI-TRUNK, SUPPLIER: MOUNTAIN STATES NURSERY (24" BOX)	1.5" CAL	51
	EVERGREEN ELM / ULMUS PARVIFOLIA MATCHED STANDARDS, 12' H X 8' W X 2" CAL (36" BOX)	2" CAL.	8
	PALO BLANCO / ACACIA WILLARDIANA LOW-BRANCHING, UPRIGHT & MATCHED 8' H X 3.5' W X 1.5" CAL (24" BOX)	1.5" CAL	16
SHRUBS			
	BRITISH RUELLIA / RUELLIA BRITTONIANA SPACE PER PLANS TO FORM HEDGE, 24" FROM HARDSCAPE.	5 GAL	68
	FIRECRACKER PLANT / RUSSELIA EQUISETIFORMIS SPACE PER PLAN, 24" FROM HARDSCAPE.	5 GAL	37
	HOPSEED BUSH / DODONAEA VISCOSA SPACE PER PLANS TO FORM HEDGE, 36" FROM HARDSCAPE.	15 GAL	53
	INDIAN HAWTHORN / RHAPHIOLEPIS INDICA 'BALLERINA' FULL CAN, PLANT IN MASSING AS SHOWN, 16" MIN. FROM H.S.	5 GAL	18
	LA JOLLA BOUGAINVILLEA / BOUGAINVILLEA X 'LA JOLLA' FULL CAN, SPACE PER PLANS	5 GAL	28
	LITTLE OLLIE OLIVE / OLEA EUROPAEA 'LITTLE OLLIE' TM SPACE PER PLANS TO FORM HEDGE, 24" FROM HARDSCAPE.	5 GAL	52
	ORANGE JUBILEE YELLOW BELLS / TECOMA X 'ORANGE JUBILEE' PLANT TO FORM HEDGE. 36" FROM HARDSCAPE.	5 GAL	7
	SIERRA STARR® FAIRY DUSTER / CALLIANDRA X 'LIANCA'	5 GAL	22
	WINTER BLAZE EMU / EREMOPHILA GLABRA 'WINTER BLAZE' PLANT IN MASSINGS, 24" FROM HARDSCAPE.	5 GAL	86
	YELLOW BELLS / TECOMA STANS SPACE PER PLANS TO FORM HEDGE, 36" FROM HARDSCAPE.	5 GAL	54
ACCENT			
	BLUE GLOW AGAVE / AGAVE X 'BLUE GLOW' FULL CAN, SPACE PER PLANS, 24" FROM HARDSCAPE	5 GAL	49
	CAPE ALOE / ALOE FEROX FULL CAN, SPACE PER PLANS 36" FROM HARDSCAPE	5 GAL	23
	CHOCOLATE DROP EUPHORBIA / EUPHORBIA INGENS STRAIGHT TRUNK , MIN 48" TALL	5 GAL	10
	DEER GRASS / MUHLENBERGIA RIGENS FULL CAN, SPACE PER PLANS, MAINTAIN 36" FROM HARDSCAPE	5 GAL	203
	DESERT MILKWEED / ASCLEPIAS SUBULATA FULL CAN ,SPACE PER PLANS, 24" MIN. FROM HARDSCAPE	5 GAL	52
	GIANT HESPERALOE / HESPERALOE FUNIFERA FULL CAN, SPACE PER PLANS 36" FROM HARDSCAPE	5 GAL	46
	HERCULES ALOE / ALOE X 'HERCULES' SPECIMEN, MATCHING, 5' TALL MIN.	24" BOX	7
	MEDITERRANEAN FAN PALM / CHAMAEROPS HUMILIS 3 HEAD MIN	15 GAL	21
	MEXICAN FENCE POST / STENOCEREUS MARGINATA SPECIMEN, AT LEAST 2 STEMS, 24" TALL MIN.	5 GAL	36
	PALE LEAF YUCCA / YUCCA PALLIDA FULL CAN, SPACE PER PLANS 24" FROM HARDSCAPE	5 GAL	41
	PINK MUHLY GRASS / MUHLENBERGIA CAPILLARIS FULL CAN, SPACE PER PLANS 24" FROM HARDSCAPE	5 GAL	63
	RED YUCCA / HESPERALOE PARVIFLORA FULL CAN, SPACE PER PLANS, 36" FROM HARDSCAPE	5 GAL	26
	SAGO PALM / CYCAS REVOLUTA FULL, NO BURN SPOTS	15 GAL	6
	SAN PEDRO CACTUS / ECHINOPSIS PACHANOI SPECIMEN, 3 STEM MIN. 42" TALL MIN.	15 GAL	14
	TALL SUPPER / PEDILANTHUS BRACTEATUS 16" TALL MIN. FULL CAN, 30 STEM MIN.	5 GAL	20
	TROPICAL AGAVE / AGAVE DESMETTIANA PLANT IN MASSING AS SHOWN, 24" FROM H.S.	5 GAL	24
	YELLOW BLOOMING ALOE / ALOE BARBADENSIS SPACE PER PLAN 24" FROM HARDSCAPE.	5 GAL	54
GROUNDCOVER			
	ANGELITA DAISY / HYMENOXYS ACAULIS FULL CAN, SPACE PER PLANS, 18" FROM HARDSCAPE	1 GAL	60
	GOLD MOUND LANTANA / LANTANA CAMARA 'GOLD MOUND' SPACE PER PLAN, 24" FROM HARDSCAPE	1 GAL	38
	NEW GOLD LANTANA / LANTANA X 'NEW GOLD' SPACE PER PLANS 30" FROM HARDSCAPE. MAX HT: 24"	1 GAL	18
	OUTBACK SUNRISE / EREMOPHILA GLABRA 'MINGENEW GOLD' SPACE PER PLAN, 12" FROM HARDSCAPE.	5 GAL	83
VINES			
	BOUGAINVILLEA VINE / BOUGAINVILLEA X 'BARBARA KARST' REMOVE STAKE, ATTACH TO PALM TRUNK PER DETAIL SHEET L.9	15 GAL	18

COLOR & MATERIALS SCHEDULE

ITEM/SYMBOL	DESCRIPTION	MODEL#/ SIZE	MANUFACTURER	PHONE	COLOR/FINISH	ACCESSORIES/REMARKS
	CONCRETE PAVING TYPE A (CONNECTOR WALKS AND CROSSWALKS)	4" THICK W/ 6" THICK TURN DOWN EDGES			NATURAL GRAY MEDIUM BROOM FINISH 1/4" TOOLED JOINTS	PROVIDE 5' x 5' MOCK-UP FOR REVIEW BY OWNER'S AUTHORIZED REPRESENTATIVE. REFER TO DETAIL A, SHEET L.6.
	CONCRETE PAVING TYPE B (SEATING DECKS)	4" THICK W/ 6" THICK TURN DOWN EDGES	-	-	NATURAL GRAY MEDIUM ACID ETCH FINISH 1/8" LINEAR SAWCUT JOINTS	PROVIDE 5' x 5' MOCK-UP FOR REVIEW BY OWNER'S AUTHORIZED REPRESENTATIVE. REFER TO DETAIL A, SHEET L.6 .
	CONCRETE PAVING TYPE C (FIRE LANE)	THICKNESS: PER CIVIL DRAWINGS	-	-	NATURAL GRAY MEDIUM ACID ETCH FINISH 1/8" SAWCUT JOINTS	PAVING SHALL BE VEHICULAR RATED TO HANDLE LARGE EMERGENCY VEHICLES. REFER TO CIVIL DWGS.. PROVIDE 5' x 5' MOCK-UP FOR REVIEW BY OWNER'S AUTHORIZED REPRESENTATIVE. REFER TO DETAIL A, SHEET L.6.
	CONCRETE PAVING TYPE D INTEGRAL COLOR (PEDESTRIAN PLAZA)	4" THICK W/ 6" THICK TURN DOWN EDGES	-	-	DAVIS COLOR #61078 SIERRA MEDIUM ACID ETCH FINISH 1/8" SAWCUT JOINTS	PROVIDE 5' x 5' MOCK-UP FOR REVIEW BY OWNER'S AUTHORIZED REPRESENTATIVE. REFER TO DETAIL A, SHEET L.6.
	CONCRETE PAVING TYPE E (PLAZA ACCENT BANDS)	THICKNESS: PER CIVIL DRAWINGS (FIRE LANE), 4" THICK W/ 6" THICK TURN DOWN EDGES (PEDESTRIAN PLAZA	-	-	NATURAL GRAY EXPOSED AGGREGATE FINISH 3/8" ROUND AGGREGATE 1/8" SAWCUT JOINTS	PROVIDE 5' x 5' MOCK-UP FOR REVIEW BY OWNER'S AUTHORIZED REPRESENTATIVE. REFER TO DETAIL A, SHEET L.6.
	CAST-IN-PLACE CONCRETE CANTILEVERED SEATWALL (BID ALTERNATE)	-	-	-	NATURAL GRAY LIGHT SANDBLAST FINISH	PROVIDE 4' LONG SECTION / MOCK-UP FOR REVIEW BY OWNER'S AUTHORIZED REPRESENTATIVE. REFER TO DETAIL B, SHEET L.6.
	CAST-IN-PLACE CONCRETE ENTRY WALLS (BID ALTERNATE)	-	-		NATURAL GRAY MEDIUM SANDBLAST FINISH	EXPOSED FORM TIE HOLES, FOOTING PER STRUCTURAL DRAWINGS. PROVIDE 6' LONG SECTION / MOCK-UP FOR REVIEW BY OWNER'S AUTHORIZED REPRESENTATIVE. REFER TO DETAIL C, SHEET L.6.

NOTE:
PHOTOGRAPHS OF TREES SHALL BE SUBMITTED FOR APPROVAL TO THE LANDSCAPE ARCHITECT BEFORE CONSTRUCTION. EACH PICTURE SHALL CONTAIN A 3 YARD STICK PLACED AT THE SOIL LINE FOR REFERENCE. THE ENTIRE TREE SHALL BE SHOWN IN EACH PICTURE.

MATERIAL QUANTITIES

DECOMPOSED GRANITE 21,800 SQ. FT.
SIZE: 1/2" SCREENED, COLOR: DESERT GOLD
SUPPLIER: ROCK PROS USA REFER TO DETAIL G, SHEET L.9.

SMALL RIP-RAP 10,100 SQ. FT.
SIZE: 1" TO 3" ROCK, COLOR: DESERT GOLD
SUPPLIER: ROCK PROS USA REFER TO DETAIL G, SHEET L.9.

GENERAL CONSTRUCTION NOTES:

1. NOTES ARE TO BE USED FOR GENERAL REFERENCE IN CONJUNCTION WITH ALL WORK ELEMENTS SHOWN ON THE ENCLOSED PLANS.
2. VERIFY CRITICAL DIMENSIONS, REFERENCE POINT LOCATIONS, AND CONSTRUCTION CONDITIONS PRIOR TO INITIATING WORK. NOTIFY OWNER'S REPRESENTATIVE SHOULD CONFLICTS ARISE.
3. ANY SIDEWALKS OR HARDSCAPE LAYOUT SHOWN ON THESE PLANS IS FOR REFERENCE ONLY. REFER TO CIVIL ENGINEERING FOR HORIZONTAL AND VERTICAL CONTROL, DETAILS AND METHODS OF CONSTRUCTION. COLLECTIV LA, LLC ASSUMES NO RESPONSIBILITY FOR UNFORESEEN CONFLICTS, ENGINEERING OR INSTALLATION THAT IS BEYOND OUR CONTROL.
4. CONCRETE JOINTING FOR WALLS AND FLAT WORK IS SCHEMATIC. ADDITIONAL CONTRACTION, CONSTRUCTION AND EXPANSION JOINTS MAY BE REQUIRED. ADDITIONAL JOINTS TO ALLEVIATE CRACKING OR FACILITATE CONSTRUCTION SHALL BE PROVIDED AT NO ADDITIONAL COST. JOINTS REQUESTED BY THE LANDSCAPE ARCHITECT ARE FOR AESTHETIC PURPOSES AND SHALL BE CONSIDERED ADDITIONAL TO THE BASE REQUIREMENTS.
5. WALLS AND SITE FEATURES SHOWN ON THESE PLANS ARE SCHEMATIC. FIELD VERIFY TO ACTUAL PROPERTY LINES, GRADING, UNDERGROUND CONFLICTS OR EXISTING CONDITIONS THAT MAY REQUIRE ADJUSTMENT OR INTERPRETATION TO PLANS AND DETAILS PROVIDED. COLLECTIV LA, LLC ASSUMES NO RESPONSIBILITY FOR CONFLICTS THAT ARE NOT ADDRESSED IN ADVANCE OR ARE BEYOND OUR CONTRACTUAL AGREEMENT FOR FIELD INSPECTION.
6. ALL STRUCTURES, WALLS AND GATES DRAWN AS VERTICAL AND HORIZONTAL ARE TO BE INSTALLED PLUMB AND LEVEL. ALL EXTERIOR PAVEMENT SURFACES SHALL BE SLOPED A MINIMUM OF 1% TO DRAIN TO DESIGNATED OUTLET CLEAR OF ACCESSIBLE AREAS. REVIEW ANY POTENTIAL CONFLICTS WITH OWNER'S REPRESENTATIVE PRIOR TO CONSTRUCTION.
7. SIGHT VISIBILITY TRIANGLES SHOWN ON THESE PLANS (S.V.T.) ARE FOR REFERENCE ONLY. REFER TO ENGINEERING AND RESPECTIVE TOWN OR CITY FOR SPECIFIC GUIDELINES.
8. REFER TO ENGINEERING PLANS FOR CONSTRUCTION AND GRADING CONSIDERATIONS OF THE SITE. CROSS REFERENCE WORK THAT MAY IMPACT IMPROVEMENTS SHOWN ON THESE DOCUMENTS.
9. ALL CONSTRUCTION PROCEDURES REQUIRED TO COMPLETE THESE PLANS SHALL BE IN ACCORDANCE WITH THE MARICOPA ASSOCIATION OF GOVERNMENTS (MAG) UNIFORM STANDARD SPECIFICATIONS, LOCAL CITY SUPPLEMENTS TO THE MAG SPECIFICATIONS, UNLESS SPECIFIED OTHERWISE IN THESE PLANS AND SPECIFICATIONS. THE CONTRACTOR SHALL BE FAMILIAR WITH ALL REQUIRED STANDARD SPECIFICATIONS, DETAILS AND SUPPLEMENTS PRIOR TO BIDDING THE CONSTRUCTION COVERED BY THESE PLANS AND SPECIFICATIONS.
10. PROVIDE SOIL TEST OF JOB SITE PRIOR TO BEGINNING WORK TO ANALYZE COMPACTION, POSSIBLE CONTAMINANTS, STABILITY OF SOILS AND COMPOSITION.
11. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING AND COMPLYING WITH ALL PERMITS REQUIRED TO COMPLETE THE LANDSCAPE CONSTRUCTION WORK COVERED BY THESE PLANS AND SPECIFICATIONS.
12. CONTRACTOR SHALL ADHERE TO ALL LOCAL, STATE, AND/OR FEDERAL LAWS PERTAINING TO THE PROJECT'S WORK.
13. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE ALL CONSTRUCTION ELEMENTS WITH OTHER TRADES PRIOR TO INSTALLATION AND BECOME FAMILIAR WITH THE LOCATIONS OF UNDERGROUND SERVICES AND IMPROVEMENTS.
14. THE CONTRACTOR SHALL EXAMINE THE SITE AND FULLY DETERMINE THE CONDITIONS UNDER THIS CONTRACT. NO ALLOWANCE WILL BE MADE FOR BIDDERS FAILING TO UNDERSTAND ALL ASPECTS OF THE PROJECT.
15. PRIOR TO DIGGING, EXCAVATION, OR UNDERGROUND WORK, CONTRACTOR SHALL LOCATE AND PROTECT EXISTING UTILITIES AND SUBSURFACE SYSTEMS. CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR REPAIR AND EXPENSES INCURRED TO UTILITIES THAT BECOME DAMAGED AS A RESULT OF HIS WORK. CALL FOR BLUESTAKE PRIOR TO DIG.
16. CONTRACTOR SHALL INSPECT WITH OWNER'S REPRESENTATIVE ALL PAVEMENT, SIDEWALK AND CURB DEFECTS PRIOR TO BEGINNING WORK. ALL HARDSCAPE TO BE RE-INSPECTED DURING FINAL WALK THRU. ANY DAMAGED AREAS TO BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
17. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE QUANTITIES AND MATERIALS REQUIRED TO COMPLETE THE WORK IN ACCORDANCE WITH SYMBOLS SHOWN ON PLANS. QUANTITIES INDICATED ARE FOR REFERENCE ONLY.
18. ALL GENERAL SITE GRADING TO WITHIN +/-0.10 FOOT, INCLUDING ALL BERMS, SWALES AND RETENTION AREAS WILL BE CONSTRUCTED AS PER THE GRADING AND DRAINAGE PLANS. LANDSCAPE AREAS SHALL NOT EXCEED 4:1 MAXIMUM SLOPE AND TURF AREAS SHALL NOT EXCEED 5:1 MAXIMUM SLOPE. THE LANDSCAPE AND IRRIGATION CONTRACTORS SHALL VERIFY AND ACCEPT THESE ROUGH GRADES PRIOR TO STARTING ANY LANDSCAPE AND IRRIGATION WORK. ALL DRAINAGE FLOWS SHALL BE PROTECTED AND MAINTAINED THROUGHOUT LANDSCAPE AND IRRIGATION CONSTRUCTION.
19. THE CONTRACTOR WILL FURNISH ALL LABOR, TOOLS, EQUIPMENT, MATERIALS, EMPLOYEE AND SUBCONTRACTOR SUPERVISION FOR IT'S PORTION OF THE PROJECT TO IMPLEMENT PLANS AND SPECIFICATIONS.
20. THE CONTRACTOR ASSUMES ALL RISKS IN THE PERFORMANCE OF THE WORK AND RESPONSIBILITY FOR LOSS AND EXPENSE RESULTING FROM ON-SITE INJURY.
21. THE CONTRACTOR IS RESPONSIBLE FOR SUPERVISION, SAFETY, ADMINISTRATION SCHEDULING, COORDINATION AND MANAGEMENT OF SUBCONTRACTORS.
22. THE CONTRACTOR SHALL PROTECT ALL PERSONS NEAR OR ON THE PREMISES FROM UNREASONABLE RISK OF INJURY. PROVIDE WARNING SIGNS, LIGHTS, BARRICADES, RAILINGS, FLAG MEN OR OTHER NECESSARY SAFEGUARD.
23. COLLECTIV LA, LLC OBSERVATIONS SHALL NOT BE DEEMED SUPERVISION OR CONTROL OF CONSTRUCTION BY CONTRACTOR OR SUBCONTRACTORS.
24. ALL CONTRACTS SHALL BE WRITTEN DIRECTLY BETWEEN CONTRACTOR AND OWNER'S REPRESENTATIVE. SPECIFIC TERMS OF WORK SHALL BE NEGOTIATED DIRECTLY BETWEEN PARTIES. COLLECTIV LA, LLC SHALL NOT BE RESPONSIBLE FOR DISCREPANCIES IN CONTRACT, PAYMENT AMOUNTS, SCHEDULE OR QUALITY OF WORKMANSHIP.
25. COLLECTIV LA, LLC AGREE TO REVIEW SHOP DRAWINGS, PRODUCT DATA AND SAMPLES SUBMITTED BY THE CONTRACTOR FOR THE SOLE PURPOSE OF COMPLIANCE WITH THE DESIGN CONCEPT AND WITH INFORMATION GIVEN IN THE CONTRACT DOCUMENTS. COLLECTIV LA, LLC SHALL BE ENTITLED TO ADDITIONAL COMPENSATION IF THE OWNER OR CONTRACTOR REQUESTS DESIGN MODIFICATIONS. COLLECTIV LA, LLC ASSUMES NO LIABILITY FOR CHANGES THAT HAVE NOT BEEN REVIEWED AND AUTHORIZED IN WRITING.
26. WHERE TWO OR MORE REQUIREMENTS CREATE OVERLAPPING CONDITIONS, CONFLICTING MINIMUMS OR LEVELS OF QUALITY, THE MORE STRINGENT REQUIREMENTS OR THE HIGHER QUALITY LEVEL IS INTENDED, AND WILL BE ENFORCED. CONFLICTING REQUIREMENTS SHALL BE REFERRED TO THE LANDSCAPE ARCHITECT OR OWNER'S REPRESENTATIVE WHOSE INTERPRETATION WILL BE FINAL.

LANDSCAPE NOTES

1. LANDSCAPE AREAS ARE DEFINED AS ALL NON-PAVED AREAS DISTURBED BY CONSTRUCTION. SLIGHT VARIATIONS MAY EXIST BETWEEN ON-SITE CONDITIONS AND DRAWINGS. CONTRACTOR SHALL ADJUST PLANTING LAYOUT AS REQUIRED TO MAINTAIN PLANT QUANTITIES AND DESIGN INTENT.
2. OWNER'S REPRESENTATIVE SHALL APPROVE ANY AND ALL SUBSTITUTIONS.
3. LOCATE PLANTS AWAY FROM OBSTACLES SUCH AS FIRE HYDRANTS, TRANSFORMERS, AND LIGHT FIXTURES. REFER TO LOCAL CITY OR TOWN STANDARDS.
4. ALL TREES SUPPLIED FOR THIS PROJECT TO MEET OR EXCEED THE MINIMUM SPECIFICATIONS SET FORTH IN A.N.A.A. GUIDELINES. LANDSCAPE CONTRACTOR TO CALL LANDSCAPE ARCHITECT OR OWNERS' REPRESENTATIVE TO REVIEW TREES ON SITE PRIOR TO INSTALL. REFER TO PLANT PHOTO NOTE ON THIS SHEET.
5. STAKE ALL NURSERY GROWN BOX TREES OUTSIDE ROOTBALL, SEE TREE STAKING DETAIL. REFER TO PLANTING NOTES AND LEGEND FOR SITE SPECIFIC INFORMATION.
6. TREES AND SHRUBS SHALL BE A MINIMUM OF 36" FROM HARDSCAPE UNLESS OTHERWISE NOTED. REFER TO PLANTING NOTES AND LEGEND FOR SITE SPECIFIC INFORMATION.
7. PLANT LOCATIONS SHALL BE FLAGGED OR STAKED FOR REVIEW PRIOR TO STARTING IRRIGATION OR PLANTING EXCAVATION. MINOR RELOCATION SHALL BE MADE AT THIS TIME TO AVOID UNSUITABLE CONDITIONS AT NO ADDITIONAL COST.
8. GRANULAR TOPDRESSING SHALL EXTEND UNDER SHRUBS AND RAKED UNIFORMLY ALONG CURBS, SIDEWALKS AND WALLS.
9. LANDSCAPE CONTRACTOR TO CONTACT OWNER'S REPRESENTATIVE BEFORE EACH APPLICATION OF PRE-EMERGENT FOR VERIFICATION. (2 APPLICATIONS MINIMUM) REFER TO DECOMPOSED GRANITE - PART 6, LANDSCAPE DETAIL/SPECIFICATIONS SHEET.
10. SITE ENGINEER SHALL COMPENSATE RETENTION REQUIREMENTS TO INCLUDE THE VOLUMES CAUSED BY UNDERGROUND IRRIGATION EQUIPMENT, CONTAINERIZED PLANTS, DECOMPOSED GRANITE OR OTHER LANDSCAPE MATERIALS.
11. ALL PLANTING SHALL CONFORM TO THE HEIGHT RESTRICTIONS SPECIFIED BY SIGHT VISIBILITY TRIANGLES. REFER TO APPROPRIATE AGENCY STANDARDS FOR SPECIFIC REQUIREMENTS. WHERE MULTIPLE JURISDICTIONS EXIST, THE MOST RESTRICTIVE STANDARDS SHALL APPLY.
12. SHAPE GRADE PER LANDSCAPE PLAN PRIOR TO ANY BOULDER, HEADER OR HARDSCAPE INSTALLATION. GRADE SHALL BE REVIEWED BY LANDSCAPE ARCHITECT OR OWNER'S REPRESENTATIVE.
13. CHALK LOCATION OF ANY BRICK OR CONCRETE HEADER FOR OWNER REVIEW AND APPROVAL. HEADER TO TERMINATE PERPENDICULAR TO HARDSCAPE UNLESS OTHERWISE NOTED.
14. INSTALL TREE RING AND/OR PVC ARBOR GUARD FOR TREES IN TURF.
15. ALL TURF GRADES SHALL BE APPROVED PRIOR TO INSTALLING SOD OR SEED.
16. SECURELY ATTACH ALL VINE TRELLISES TO WALLS WITH 1" GALVANIZED EYE BOLTS (2 PER TRELLIS).
17. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS NOT SHOWN ON DRAWINGS.
18. REFER TO GENERAL CONSTRUCTION NOTES ABOVE FOR ADDITIONAL CONSIDERATIONS THAT RELATE TO SCOPE OF WORK WITHIN THIS SECTION.

MAINTENANCE AND GUARANTEE

1. LANDSCAPE CONTRACTOR SHALL NOTIFY LANDSCAPE ARCHITECT OR OWNER'S REPRESENTATIVE FOUR (4) DAYS PRIOR TO COMPLETING IMPROVEMENTS IN ACCORDANCE WITH PLANS AND SPECIFICATIONS TO REQUEST AN INSPECTION FOR SUBSTANTIAL COMPLETION. LANDSCAPE ARCHITECT SHALL PREPARE PUNCHLIST OF ALL WORK REQUIRING CORRECTION. MAINTENANCE PERIOD TO BEGIN WHEN ALL PUNCHLIST ITEMS ARE CORRECTED.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING LANDSCAPE AREA FOR 90 CALENDAR DAYS OR AS SPECIFIED BY CONTRACT. MAINTENANCE INCLUDES MOWING (WEEKLY), ADJUSTING WATER SCHEDULES, WEEDING, REMOVING DEBRIS FROM LANDSCAPE, RAKING, SPRAYING, FERTILIZING, TRIMMING, EDGING OR OTHER OPERATIONS ESSENTIAL FOR CARE, UPKEEP AND PROJECT APPEARANCE. CONTRACTOR SHALL SAND "INFILL", ROLL AND WATER SETTLE ALL LOW SPOTS AS REQUIRED TO ACHIEVE UNIFORM GRADE WITHIN TURF AREAS.
3. CONTRACTOR SHALL NOTIFY ARCHITECT A MINIMUM OF ONE (1) WEEK PRIOR TO MAINTENANCE PERIOD END TO RESOLVE ANY OUTSTANDING ISSUES. A FINAL INSPECTION SHALL OCCUR TO REVIEW THE PROJECT AND ISSUE A FINAL ACCEPTANCE. (PROVIDE 3 DAYS NOTICE). IF LANDSCAPE CONTRACTOR CANNOT ACHIEVE FINAL ACCEPTANCE, LANDSCAPE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTAINING LANDSCAPE AREA AT CONTRACTOR'S COST UNTIL FINAL ACCEPTANCE IS RECEIVED.
4. PLANTS NOT IN HEALTHY CONDITION THROUGHOUT THE WARRANTY PERIOD SHALL BE REMOVED AND REPLACED AT NO COST TO THE OWNER. NEW PLANT MATERIAL SHALL RECEIVE THE SAME WARRANTY.
5. CONTRACTOR TO PROVIDE ONE (1) YEAR WRITTEN GUARANTEE TO WARRANTY IRRIGATION SYSTEM AND ALL TREES FROM ACCEPTANCE DATE.
6. IN ORDER TO PROTECT HIS GUARANTEE, LANDSCAPE CONTRACTOR SHALL GIVE TYPEWRITTEN MAINTENANCE INSTRUCTIONS FOR THE YEARLY CARE AND FEEDING OF THE LANDSCAPE.
7. AS BUILT DRAWINGS SHALL ALSO BE PREPARED BY CONTRACTOR FOR ACTUAL IRRIGATION LAYOUT AND SUBMITTED TO OWNER AT FINAL WALKTHRU.

CLAYCO
THE ART & SCIENCE OF BUILDING
4300 EAST CAMELBACK STE 300
PHOENIX, ARIZONA 85018
602.553.8050

Lamar Johnson Collaborative
4300 EAST CAMELBACK STE 300
PHOENIX, AZ 85018
Ph 602.833.6050

collectiV
landscape architects

PROGRESS PRINT

HONORHEALTH SHEA GARAGE

HonorHealth
9003 E. Shea Blvd. Scottsdale, AZ 85260
Development Review Resubmittal

DRAWING ISSUE

DESCRIPTION	DATE
SCHEMATIC DESIGN	06/21/24
DESIGN DEVELOPMENT	08/23/24
95% CD'S	10/16/24
Development Rev. Resubmittal	11/01/24

DRAWING TITLE
COLOR & MATERIALS / PLANT SCHEDULES

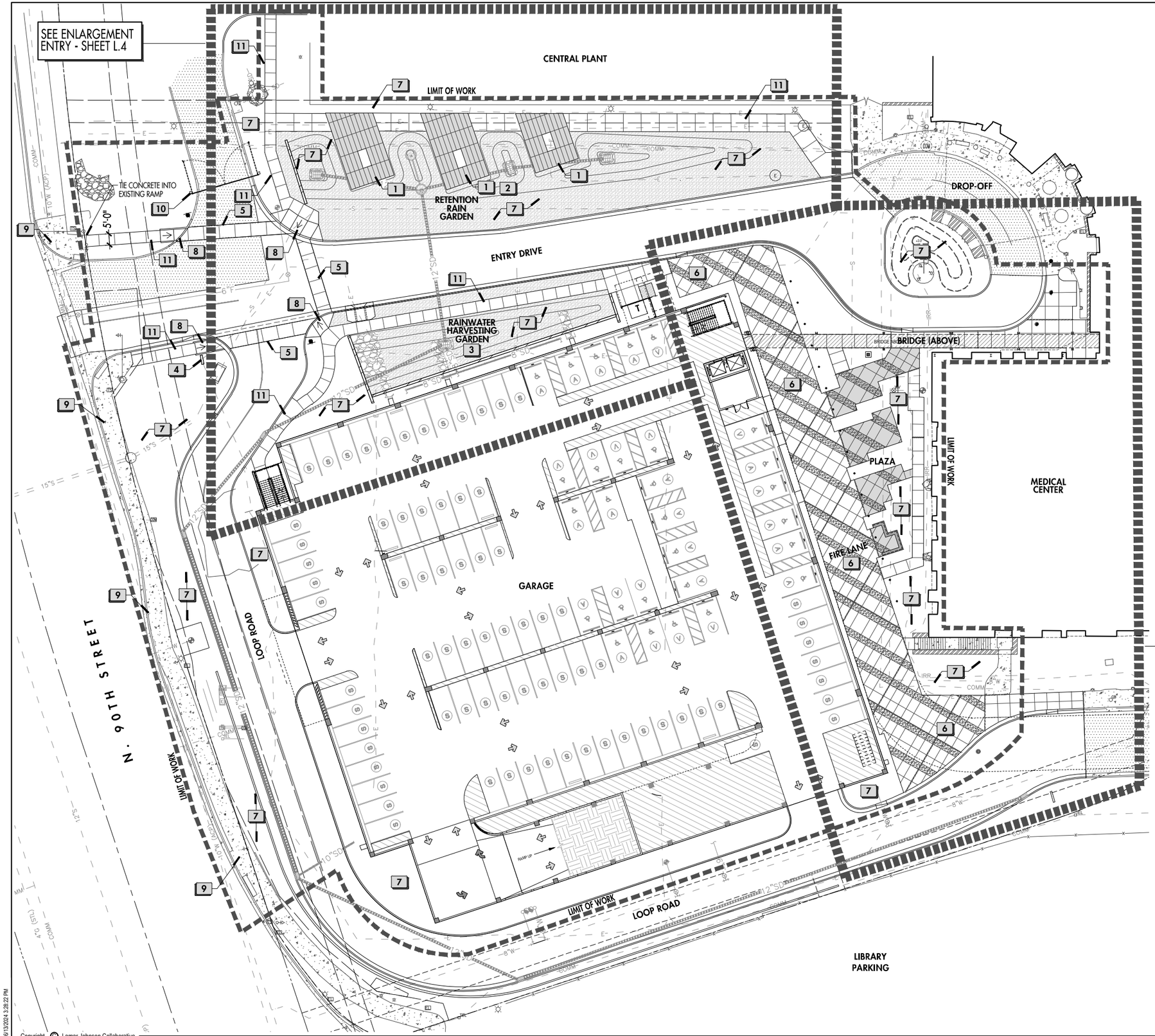
DRAWING NO.
L.2

Job # 008229

6/13/2024 3:28:22 PM

Copyright © Lamar Johnson Collaborative

E D C B A



DESIGN KEYNOTES:

1. CONCRETE SEATING DECK. REFER TO ENLARGEMENT SHEET L.4 & COLOR & MATERIALS SCHEDULE, SHEET L.2 - (SEE SHEET L.4 FOR BID ALTERNATES).
2. RETENTION RAIN GARDEN WITH WILLOW TREE GROVE & ACCENT PLANTING - TOPDRESSED WITH SMALL RIP-RAP - REFER TO MATERIALS SHEET L.2 FOR SIZE AND COLOR SPECIFICATIONS.
3. RAINWATER HARVESTING GARDEN WITH WILLOW TREE GROVE & ACCENT PLANTING TOPDRESSED WITH SMALL RIP-RAP - REFER TO MATERIALS SHEET L.2 FOR SIZE AND COLOR SPECIFICATIONS.
4. PROJECT / DIRECTIONAL SIGN (BY OTHERS).
5. CONCRETE CROSSWALK - VEHICLE RATED. REFER TO CIVIL DRAWINGS FOR DETAILS AND COLOR & MATERIALS SCHEDULE SHEET L.2 FOR COLOR, FINISH AND JOINTS.
6. FIRE LANE/EMERGENCY VEHICLE ACCESS WITH DIFFERENT PAVING COLOR TO DIFFERENTIATE FIRE LANE FROM PEDESTRIAN PLAZA & CONNECTOR WALKS. REFER TO ENLARGEMENT SHEET L.5 AND COLOR & MATERIALS SCHEDULE SHEET L.2 FOR CONCRETE SPECIFICATIONS.
7. PLANTING AREA, REFER TO SHEET L.7.
8. PEDESTRIAN RAMP, REFER TO CIVIL DRAWINGS FOR DETAILS.
9. EXISTING SIDEWALK ALONG 90TH STREET (PROTECT IN PLACE).
10. DOUBLE ARM BARRIER GATE, REFER TO ARCH DRAWINGS.
11. CONCRETE SIDEWALK, NATURAL GRAY WITH TOOLED JOINTS & MEDIUM BROOM FINISH. REFER TO COLOR & MATERIALS SCHEDULE SHEET L.2 & DETAIL A, SHEET L.6.

NORTH

0 20 40 60 feet

SCALE: 1" = 20'-0"

Copyright © Lamar Johnson Collaborative

6/13/2024 3:28:22 PM

CLAYCO
THE ART & SCIENCE OF BUILDING
4300 EAST CAMELBACK STE 300
PHOENIX, ARIZONA 85018
602.833.6060

Lamar Johnson Collaborative
4300 EAST CAMELBACK STE 300
PHOENIX, AZ 85018
Ph 602.833.6050

collectiV landscape architects

PROGRESS PRINT

HONORHEALTH SHEA GARAGE

HonorHealth
9003 E. Shea Blvd. Scottsdale, AZ 85260
Development Review Resubmittal

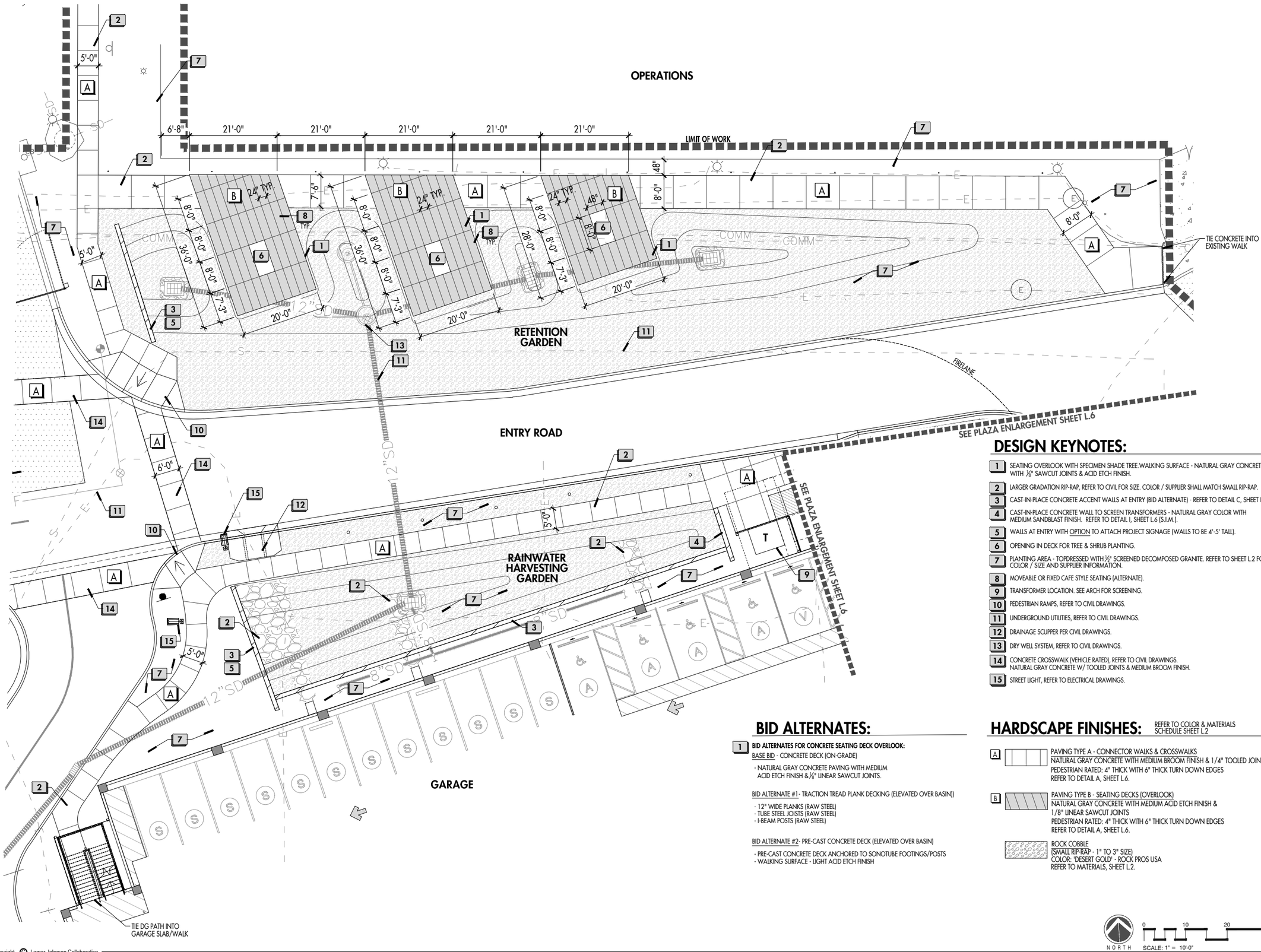
DRAWING ISSUE

DESCRIPTION	DATE
SCHEMATIC DESIGN	06/21/24
DESIGN DEVELOPMENT	08/23/24
95% CD'S	10/16/24
Development Rev. Resubmittal	11/01/24

DRAWING TITLE
OVERALL HARDSCAPE PLAN

DRAWING NO.
L.3

Job # 008229



DESIGN KEYNOTES:

1. SEATING OVERLOOK WITH SPECIMEN SHADE TREE.WALKING SURFACE - NATURAL GRAY CONCRETE WITH ⅛" SAWCUT JOINTS & ACID ETCH FINISH.
2. LARGER GRADATION RIP-RAP, REFER TO CIVIL FOR SIZE. COLOR / SUPPLIER SHALL MATCH SMALL RIP-RAP.
3. CAST-IN-PLACE CONCRETE ACCENT WALLS AT ENTRY (BID ALTERNATE) - REFER TO DETAIL C, SHEET L.6.
4. CAST-IN-PLACE CONCRETE WALL TO SCREEN TRANSFORMERS - NATURAL GRAY COLOR WITH MEDIUM SANDBLAST FINISH. REFER TO DETAIL I, SHEET L.6 (S.I.M.).
5. WALLS AT ENTRY WITH OPTION TO ATTACH PROJECT SIGNAGE (WALLS TO BE 4'-5' TALL).
6. OPENING IN DECK FOR TREE & SHRUB PLANTING.
7. PLANTING AREA - TOPDRESSED WITH ½" SCREENED DECOMPOSED GRANITE. REFER TO SHEET L.2 FOR COLOR / SIZE AND SUPPLIER INFORMATION.
8. MOVEABLE OR FIXED CAFE STYLE SEATING (ALTERNATE).
9. TRANSFORMER LOCATION. SEE ARCH FOR SCREENING.
10. PEDESTRIAN RAMPS, REFER TO CIVIL DRAWINGS.
11. UNDERGROUND UTILITIES, REFER TO CIVIL DRAWINGS.
12. DRAINAGE SCUPPER PER CIVIL DRAWINGS.
13. DRY WELL SYSTEM, REFER TO CIVIL DRAWINGS.
14. CONCRETE CROSSWALK (VEHICLE RATED), REFER TO CIVIL DRAWINGS. NATURAL GRAY CONCRETE W/ TOOLED JOINTS & MEDIUM BROOM FINISH.
15. STREET LIGHT, REFER TO ELECTRICAL DRAWINGS.

BID ALTERNATES:

1 **BID ALTERNATES FOR CONCRETE SEATING DECK OVERLOOK:**

BASE BID - CONCRETE DECK (ON-GRADE)

- NATURAL GRAY CONCRETE PAVING WITH MEDIUM ACID ETCH FINISH &⅛" LINEAR SAWCUT JOINTS.

BID ALTERNATE #1 - TRACTION TREAD PLANK DECKING (ELEVATED OVER BASIN))

- 12" WIDE PLANKS (RAW STEEL)
- TUBE STEEL JOISTS (RAW STEEL)
- I-BEAM POSTS (RAW STEEL)

BID ALTERNATE #2 - PRE-CAST CONCRETE DECK (ELEVATED OVER BASIN)

- PRE-CAST CONCRETE DECK ANCHORED TO SONOTUBE FOOTINGS/POSTS
- WALKING SURFACE - LIGHT ACID ETCH FINISH

HARDSCAPE FINISHES:

REFER TO COLOR & MATERIALS SCHEDULE SHEET L.2

A — PAVING TYPE A - CONNECTOR WALKS & CROSSWALKS
NATURAL GRAY CONCRETE WITH MEDIUM BROOM FINISH & 1/4" TOOLED JOINTS.
PEDESTRIAN RATED: 4" THICK WITH 6" THICK TURN DOWN EDGES
REFER TO DETAIL A, SHEET L.6.

B — PAVING TYPE B - SEATING DECKS (OVERLOOK)
NATURAL GRAY CONCRETE WITH MEDIUM ACID ETCH FINISH &
1/8" LINEAR SAWCUT JOINTS
PEDESTRIAN RATED: 4" THICK WITH 6" THICK TURN DOWN EDGES
REFER TO DETAIL A, SHEET L.6.

ROCK COBBLE
(SMALL RIP-RAP - 1" TO 3" SIZE)
COLOR: 'DESERT GOLD' - ROCK PROS USA
REFER TO MATERIALS, SHEET L.2.

NORTH

0 10 20 30 feet

SCALE: 1" = 10'-0"

CLAYCO
THE ART & SCIENCE OF BUILDING
4300 EAST CAMELBACK STE 300
PHOENIX, ARIZONA 85018
602.833.6060

Lamar Johnson Collaborative
4300 EAST CAMELBACK STE 300
PHOENIX, AZ 85018
Ph 602.833.6050

collectiv
landscape architects

PROGRESS PRINT

HONORHEALTH SHEA GARAGE

HonorHealth
9003 E. Shea Blvd. Scottsdale, AZ 85260
Development Review Resubmittal

DRAWING ISSUE

DESCRIPTION	DATE
SCHEMATIC DESIGN	06/21/24
DESIGN DEVELOPMENT	08/23/24
95% CD'S	10/16/24
Development Rev. Resubmittal	11/01/24

DRAWING TITLE
HARDSCAPE PLAN
ENLARGEMENT-PROJECT ENTRY

DRAWING NO.
L.4

Job # 008229

6/13/2024 3:28:27 PM

Copyright © Lamar Johnson Collaborative

E D C B A

HARDSCAPE FINISHES:

REFER TO SHEET L.2 FOR ADDITIONAL INFORMATION

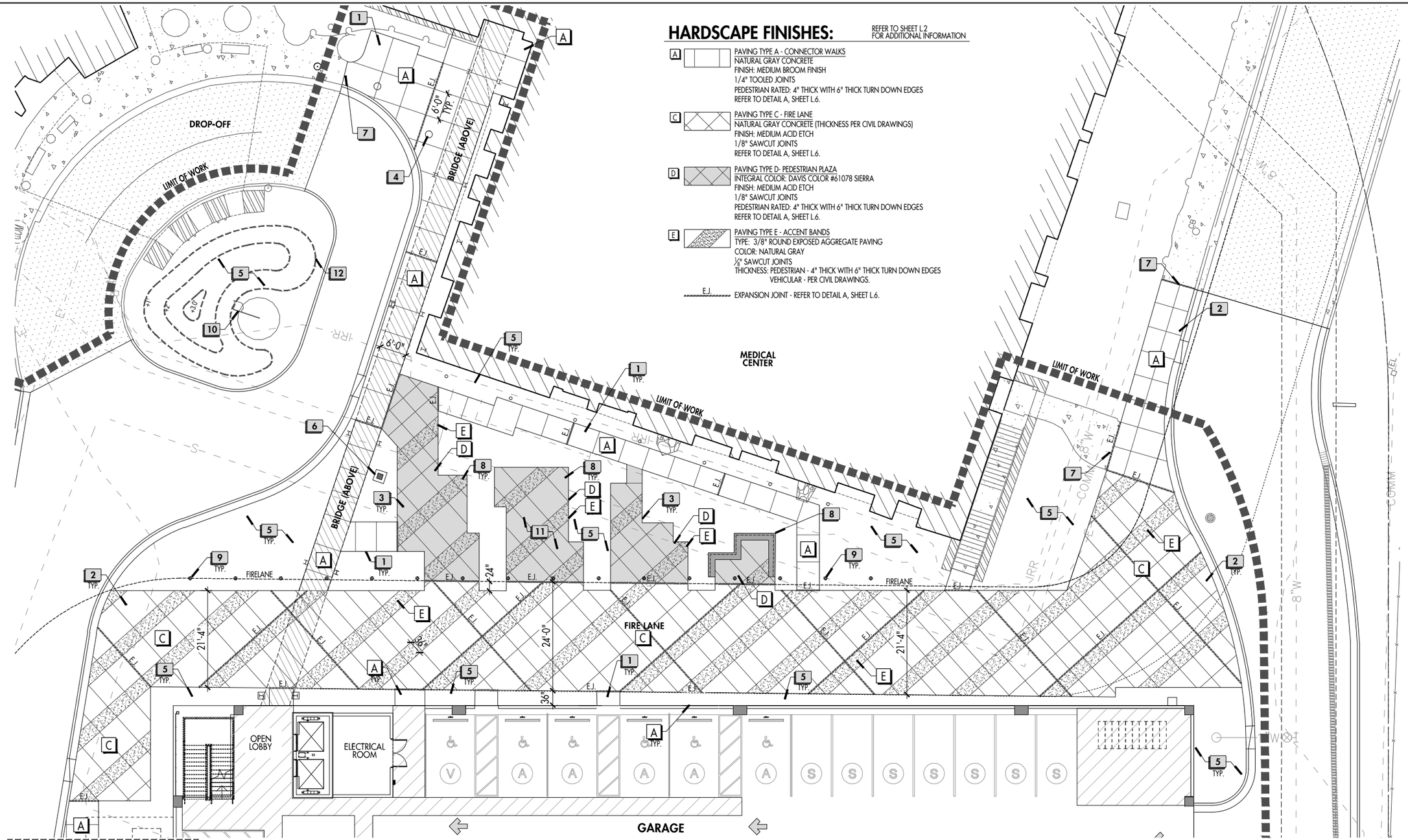
A — PAVING TYPE A - CONNECTOR WALKS
NATURAL GRAY CONCRETE
FINISH: MEDIUM BROOM FINISH
1/4" TOOLED JOINTS
PEDESTRIAN RATED: 4" THICK WITH 6" THICK TURN DOWN EDGES
REFER TO DETAIL A, SHEET L.6.

C — PAVING TYPE C - FIRE LANE
NATURAL GRAY CONCRETE (THICKNESS PER CIVIL DRAWINGS)
FINISH: MEDIUM ACID ETCH
1/8" SAWCUT JOINTS
REFER TO DETAIL A, SHEET L.6.

D — PAVING TYPE D- PEDESTRIAN PLAZA
INTEGRAL COLOR: DAVIS COLOR #61078 SIERRA
FINISH: MEDIUM ACID ETCH
1/8" SAWCUT JOINTS
PEDESTRIAN RATED: 4" THICK WITH 6" THICK TURN DOWN EDGES
REFER TO DETAIL A, SHEET L.6.

E — PAVING TYPE E - ACCENT BANDS
TYPE: 3/8" ROUND EXPOSED AGGREGATE PAVING
COLOR: NATURAL GRAY
⅛" SAWCUT JOINTS
THICKNESS: PEDESTRIAN - 4" THICK WITH 6" THICK TURN DOWN EDGES
VEHICULAR - PER CIVIL DRAWINGS.

E.J. — EXPANSION JOINT - REFER TO DETAIL A, SHEET L.6.



DESIGN KEYNOTES:

1. CONNECTOR WALKS (TYPE A) NATURAL GRAY CONCRETE W/ BROOM FINISH & TOOLED JOINTS. REFER TO COLOR & MATERIALS SCHEDULE, SHEET L.2 & DETAIL A, SHEET L.6.
2. FIRE LANE - PAVING (TYPE C) - NATURAL GRAY CONCRETE - VEHICULAR RATED, REFER TO COLOR & MATERIALS SCHEDULE, SHEET L.2,
3. PEDESTRIAN PLAZA - PAVING (TYPE D) - INTEGRAL COLOR, REFER TO COLOR & MATERIALS SCHEDULE, SHEET L.2 & DETAIL A, SHEET L.6.
4. BOLLARDS AT DROP-OFF, REFER TO ELECTRICAL DRAWINGS.
5. PLANTING AREA, SEE PLANTING PLAN SHEET L.7.
6. ART SCULPTURE, RELOCATED FROM ENTRY DRIVE TO MORE PROMINENT LOCATION.
7. CONNECT INTO EXISTING CONCRETE SIDEWALK.
8. CAST-IN-PLACE CONCRETE SEATWALL WITH LIGHT SANDBLAST FINISH (ALTERNATE).
9. MULTI-DIRECTIONAL LED PATH LIGHT TO DELINEATE FIRE LANE, REFER TO ELECTRICAL DRAWINGS.
10. EXISTING FLAGPOLE, CONCRETE BASE AND UP-LIGHTS TO REMAIN (PROTECT IN PLACE).
11. FLEX SPACE FOR SMALL GATHERINGS & EVENTS.
12. LOW LANDSCAPE BERM, REFER TO CIVIL DRAWINGS FOR GRADING INFORMATION.

NORTH — SCALE: 1" = 10'-0" (0, 10, 20, 40 feet)

CLAYCO
THE ART & SCIENCE OF BUILDING
4300 EAST CAMELBACK STE 300
PHOENIX, ARIZONA 85018
602.833.6600

Lamar Johnson Collaborative
4300 EAST CAMELBACK STE 300
PHOENIX, AZ 85018
Ph 602.833.6050

collectiv landscape architects

PROGRESS PRINT

HONORHEALTH SHEA GARAGE

HonorHealth
9003 E. Shea Blvd. Scottsdale, AZ 85260
Development Review Resubmittal

DRAWING ISSUE

DESCRIPTION	DATE
SCHEMATIC DESIGN	06/21/24
DESIGN DEVELOPMENT	08/23/24
95% CD'S	10/16/24
Development Rev. Resubmittal	11/01/24

DRAWING TITLE
HARDSCAPE PLAN
ENLARGEMENT-PEDESTRIAN PLAZA

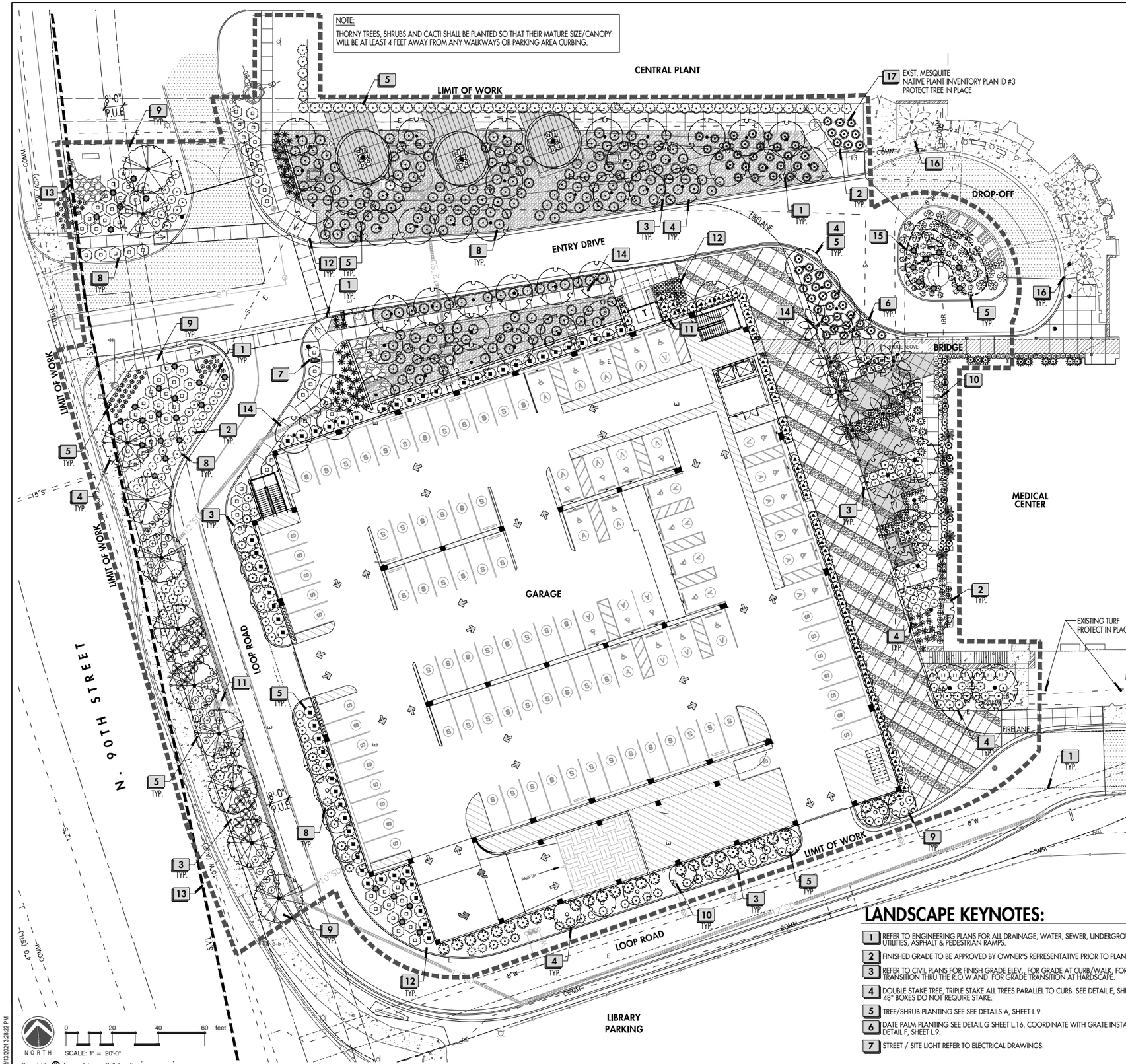
DRAWING NO.
L.5

Job # 008229

6/13/2024 3:28:22 PM

Copyright © Lamar Johnson Collaborative

E D C B A



PLANT SCHEDULE:

SYMBOL	COMMON / BOTANICAL NAME	SIZE	QTY
TREES			
	BLUE PALO VERDE / CERCIDIUM FLORIDUM	4" CAL	11
	DATE PALM / PHOENIX DACTYLIFERA	16' TRUNK HT.	9
	DESERT IRONWOOD / OLNEYA TESOTA	4" CAL	3
	DESERT WILLOW BUBBA / CHILOPSIS LINEARIS 'BUBBA'	1.5" CAL	51
	EVERGREEN ELM / ULMUS PARVIFOLIA	2" CAL	8
	PALO BLANCO / ACACIA WILLARDIANA	1.5" CAL	16
SHRUBS			
	BRITISH RUELLIA / RUELLIA BRITTONIANA	5 GAL	68
	FIRECRACKER PLANT / RUSSELIA EQUISETIFORMIS	5 GAL	37
	HOPSEED BUSH / DODONAEA VISCOSA	15 GAL	53
	INDIAN HAWTHORN / RHAPHIOLEPIS INDICA 'BALLERINA'	5 GAL	18
	LA JOLLA BOUGAINVILLEA / BOUGAINVILLEA X 'LA JOLLA'	5 GAL	28
	LITTLE OLLIE OLIVE / OLEA EUROPAEA 'LITTLE OLLIE' TM	5 GAL	52
	ORANGE JUBILEE YELLOW BELLS / TECOMA X 'ORANGE JUBILEE'	5 GAL	7
	SIERRA STARRR FAIRY DUSTER / CALLIANDRA X 'LLANCA'	5 GAL	22
	WINTER BLAZE EMU / EREMOPHILA GLABRA 'WINTER BLAZE'	5 GAL	86
	YELLOW BELLS / TECOMA STANS	5 GAL	54
ACCENT			
	BLUE GLOW AGAVE / AGAVE X 'BLUE GLOW'	5 GAL	49
	CAPE ALOE / ALOE FEROX	5 GAL	23
	CHOCOLATE DROP EUPHORBIA / EUPHORBIA INGENS	5 GAL	10
	DEER GRASS / MUHLENBERGIA RIGENS	5 GAL	203
	DESERT MILKWEED / ASCLEPIAS SUBULATA	5 GAL	52
	GIANT HESPERALOE / HESPERALOE FUNIFERA	5 GAL	46
	HERCULES ALOE / ALOE X 'HERCULES'	24" BOX	7
	MEDITERRANEAN FAN PALM / CHAMAEROPS HUMILIS	15 GAL	21
	MEXICAN FENCE POST / STENOCEREUS MARGINATA	5 GAL	36
	PALE LEAF YUCCA / YUCCA PALLIDA	5 GAL	41
	PINK MUHLY GRASS / MUHLENBERGIA CAPILLARIS	5 GAL	63
	RED YUCCA / HESPERALOE PARVIFLORA	5 GAL	26
	SAGO PALM / CYCAS REVOLUTA	15 GAL	6
	SAN PEDRO CACTUS / ECHINOPSIS PACHANOI	15 GAL	14
	TALL SUPPER / PEDILANTHUS BRACTEATUS	5 GAL	20
	TROPICAL AGAVE / AGAVE DESMETTIANA	5 GAL	24
	YELLOW BLOOMING ALOE / ALOE BARBADENSIS	5 GAL	54
GROUNDCOVER			
	ANGELITA DAISY / HYMENOXYS ACAULIS	1 GAL	60
	GOLD MOUND LANTANA / LANTANA CAMARA 'GOLD MOUND'	1 GAL	38
	NEW GOLD LANTANA / LANTANA X 'NEW GOLD'	1 GAL	18
	OUTBACK SUNRISE / EREMOPHILA GLABRA 'MINGENEW GOLD'	5 GAL	83
VINES			
	BOUGAINVILLEA VINE / BOUGAINVILLEA X 'BARBARA KARST'	15 GAL	18

LANDSCAPE KEYNOTES:

1. REFER TO ENGINEERING PLANS FOR ALL DRAINAGE, WATER, SEWER, UNDERGROUND UTILITIES, ASPHALT & PEDESTRIAN RAMPS.
2. FINISHED GRADE TO BE APPROVED BY OWNER'S REPRESENTATIVE PRIOR TO PLANTING.
3. REFER TO CIVIL PLANS FOR FINISH GRADE ELEV., FOR GRADE AT CURB/WALK, FOR GRADE TRANSITION THRU THE R.O.W AND FOR GRADE TRANSITION AT HARDSCAPE.
4. DOUBLE STAKE TREE, TRIPLE STAKE ALL TREES PARALLEL TO CURB. SEE DETAIL E, SHEET L.9. 48" BOXES DO NOT REQUIRE STAKE.
5. TREE/SHRUB PLANTING SEE SEE DETAILS A, SHEET L.9.
6. DATE PALM PLANTING SEE DETAIL G SHEET L.16. COORDINATE WITH GRATE INSTALLATION DETAIL F, SHEET L.9.
7. STREET / SITE LIGHT REFER TO ELECTRICAL DRAWINGS.
8. NO PLANTING WITHIN 2' OF CURBS, WALKS, OR HEADERS UNLESS OTHERWISE APPROVED.
9. 2" DEPTH DECOMPOSED GRANITE TOP DRESSING TO ALL LANDSCAPE AREAS. BLEND/RAKE GRANITE INTO EXISTING FOR SEAMLESS TRANSITION AT LIMIT OF WORK. REFER TO DETAIL G, SHEET L.9.
10. FIRE HYDRANT, MAINTAIN 5' REQUIRED CLEARANCES.
11. MAINTAIN REQUIRED CLEARANCES AROUND TRANSFORMERS PER UTILITY REQUIREMENTS.
12. MAINTAIN UNIFORM TOP DRESSING EDGE ALONG ALL WALKS AND CURBS. SEE DETAIL G, SHEET L.9.
13. SIGHT VISIBILITY LINE. REFER TO CIVIL PLANS. ALL TREES IN THE SIGHT VISIBILITY LINE/TRIANGLE TO BE STANDARD TRUNK AND MEET CITY HEIGHT REQUIREMENTS FOR THOSE ZONES. SHRUBS TO BE MAINTAINED AT A 3' MAX HEIGHT.
14. INSTALL (2) BOUGAINVILLEA VINES & ATTACH TO PALM TREE PER DETAIL J, SHEET L.9.
15. LANDSCAPE BERM, REFER TO GRADING & DRAINAGE DRAWINGS.
16. EXISTING PALM TREE, PROTECT IN PLACE.
17. EXISTING TREE, PROTECT IN PLACE.

DECOMPOSED GRANITE - 2" DEPTH (IN ALL PLANTERS)
COLOR: "DESERT GOLD" - ROCK PROS USA
REFER TO DETAIL H, SHEET L.9 & MATERIALS SHEET L.2.

CLAYCO
THE ART & SCIENCE OF BUILDING
4300 EAST CAMELBACK STE 300
PHOENIX, ARIZONA 85018
602.553.8650

Lamar Johnson Collaborative
4300 EAST CAMELBACK STE 300
PHOENIX, AZ 85018
Ph 602.833.6050

collectiV
handscape architects

PROGRESS PRINT

HONORHEALTH SHEA GARAGE

HonorHealth
9003 E. Shea Blvd. Scottsdale, AZ 85260
Development Review Resubmittal

DRAWING ISSUE

DESCRIPTION	DATE
SCHEMATIC DESIGN	06/21/24
DESIGN DEVELOPMENT	08/23/24
95% CD'S	10/16/24
Development Rev. Resubmittal	11/01/24

DRAWING TITLE
PLANTING PLAN

DRAWING NO.
L.7

Job # 008229

Copyright © Lamar Johnson Collaborative

6/13/2024 3:28:22 PM

EXTERIOR ELEVATION NOTES

GENERAL NOTES

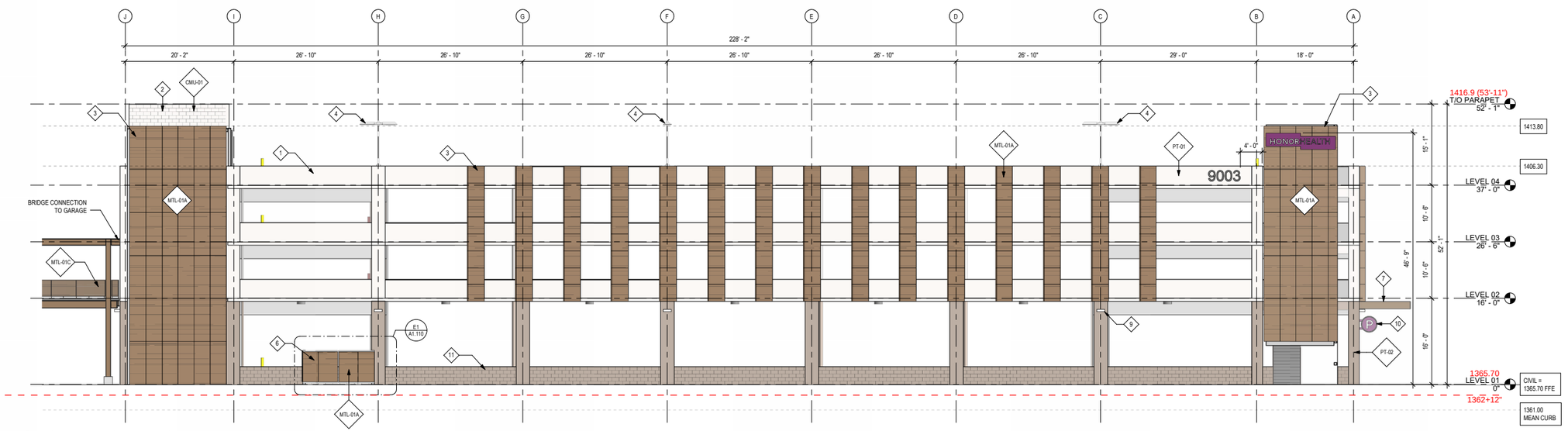
1. PAINT ALL CONCRETE COLUMNS, SPANDREL PANELS AT BUILDING PERIMETER.
2. PAINT ALL CMU AT ELEVATOR CORE & UNDER RAMP
3. LEVEL 1 CMU TO BE GROUND FACE BLOCK, PAINTED BROWN (PT-02)
4. ALL EXPOSED STEEL TO BE PAINTED METALLIC BRONZE (PT-03)

KEYED NOTES

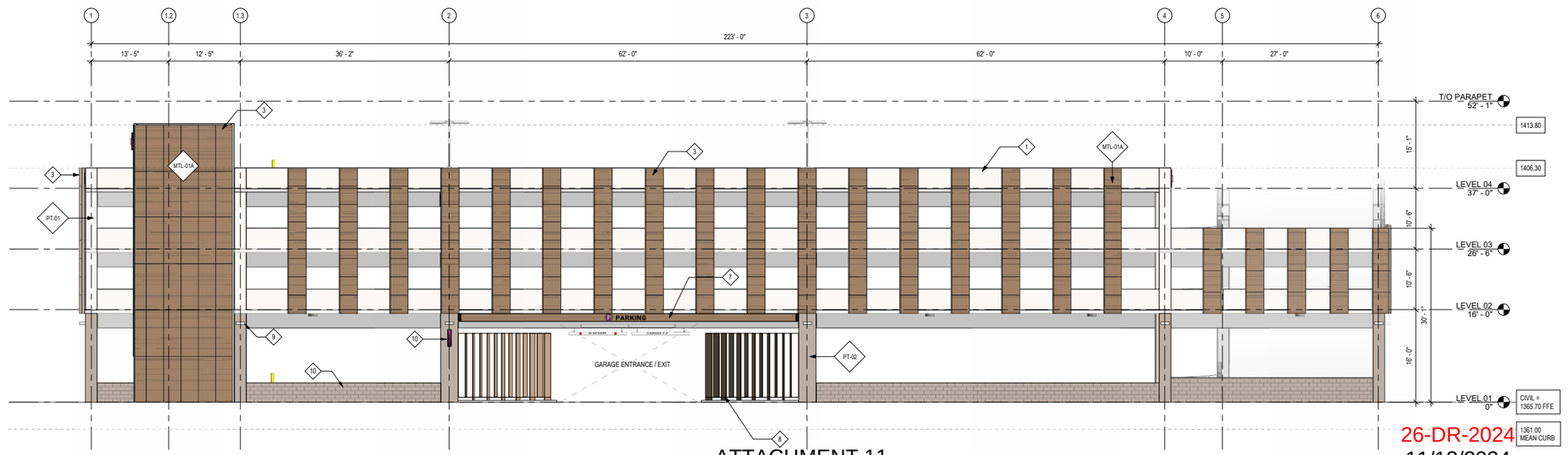
1. UPTURNED CAST-IN-PLACE REINFORCED CONCRETE BEAM, PAINTED
2. CMU ELEVATOR CORE, PAINTED
3. PERFORATED ALUMINUM SCREEN PANEL SYSTEM (VERTICAL)
4. EXTERIOR POLE LIGHTS (FOR TOP FLOOR)
5. ROOF DRAIN COLLECTOR BOX & DOWNSPOUT
6. APS TRANSFORMER + SCREEN (ADD. ALTERNATE)
7. PERFORATED ALUMINUM SCREEN CANOPY SYSTEM (HORIZONTAL)
8. VERTICAL STEEL PLATE ARRAY
9. EXTERIOR WALL MOUNTED LIGHT FIXTURE
10. WALL MOUNTED PARKING SIGN
11. CMU CRASH WALL, PAINTED
12. MECHANICAL EQUIPMENT

MATERIAL LEGEND

MARK	DESCRIPTION	MANUFACTURER	PRODUCT NUMBER / NAME	PATTERN	COLOR / FINISH	SIZE	LIGHT REFLECTANCE VALUE (LRV)
CMU-01	CMU		CMU		SMOOTH FACE FINISH	8"x8"x16"	
CONC-01	CAST-IN-PLACE CONCRETE		CAST-IN-PLACE CONCRETE				
MTL-01A	PERFORATED ALUMINUM SCREEN		5052 H32 ALUMINUM VERTICAL METAL PANEL		HIGH-PERFORMANCE PAINT - BRONZE FINISH - CUSTOM PERFORATION PATTERN	1/8" THICK	8.00
MTL-01B	PERFORATED ALUMINUM SCREEN		5052 H32 ALUMINUM HORIZONTAL METAL PANEL		HIGH-PERFORMANCE PAINT - BRONZE FINISH - CUSTOM PERFORATION PATTERN	3/16" THICK	8.00
MTL-01C	PERFORATED ALUMINUM SCREEN		5052 H32 ALUMINUM GUARDRAIL METAL PANEL		HIGH-PERFORMANCE PAINT - BRONZE FINISH - CUSTOM PERFORATION PATTERN	1/8" THICK	8.00
PT-01	PAINTED CONCRETE AND CMU, LIGHT BEIGE FINISH	SHERWIN-WILLIAMS	SW 7676 - PAPER LANTERN		PAINT - LIGHT BEIGE		76.84
PT-02	PAINTED CONCRETE AND CMU, BROWN FINISH	SHERWIN-WILLIAMS	SW 7525 - TREE BRANCH		PAINT - BROWN		19.00
PT-03	COATED MULLIONS, STAIRCASE RAILING, AND HHS STRUCTURAL FRAMING, AND FLAT STEEL PLATES	SHERWIN-WILLIAMS	SW 6083 - SABLE		PAINT - BRONZE		8.00
PT-04	PAINTED CONCRETE AND CMU, CUSTOM MURAL; REQ. SEPARATE DESIGN REVIEW AND PERMIT	BY OTHERS	CUSTOM MURAL		PAINT - CUSTOM MURAL		



F2 NORTH EXTERIOR ELEVATION
A3.201 1/8" = 1'-0"



F1 WEST EXTERIOR ELEVATION
A3.201 1/8" = 1'-0"

ATTACHMENT 11

26-DR-2024
11/13/2024

Copyright © Lamar Johnson Collaborative

CLAYCO
THE ART & SCIENCE OF BUILDING
4300 EAST CAMELBACK STE 300
PHOENIX, AZ 85018
Ph 602.833.6050

Lamar Johnson Collaborative
4300 EAST CAMELBACK, STE 300
PHOENIX, AZ 85018
Ph 602.833.6050

PROGRESS PRINT

HONORHEALTH SHEA

HonorHealth
9003 E. Shea Blvd. Scottsdale, AZ 85260
Development Review Resubmittal

DRAWING ISSUE

#	DESCRIPTION	DATE
	SCHEMATIC DESIGN	06/21/24
	DESIGN DEVELOPMENT	08/23/24
	95% CONSTRUCTION DOCUMENTS	10/16/24

BUILDING MAP

DRAWING TITLE
OVERALL BUILDING ELEVATIONS

DRAWING NO.
A3.201

Job # 008229

11/8/2024 2:31:28 PM

EXTERIOR ELEVATION NOTES

GENERAL NOTES

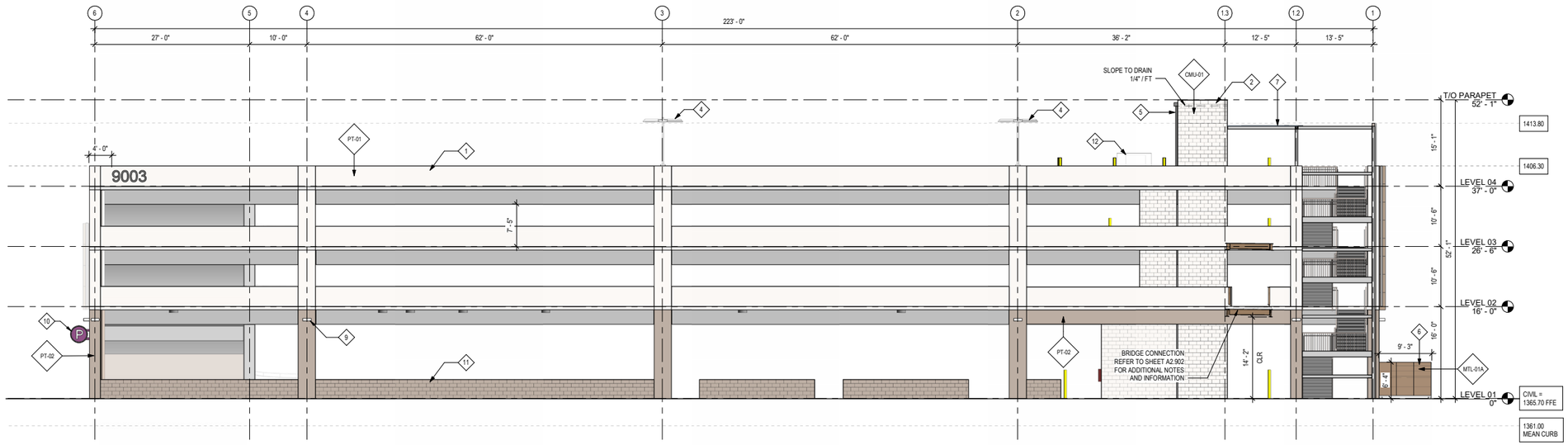
1. PAINT ALL CONCRETE COLUMNS, SPANDREL PANELS AT BUILDING PERIMETER.
2. PAINT ALL CMU AT ELEVATOR CORE & UNDER RAMP
3. LEVEL 1 CMU TO BE GROUND FACE BLOCK, PAINTED BROWN (PT-02)
4. ALL EXPOSED STEEL TO BE PAINTED METALLIC BRONZE (PT-03)

KEYED NOTES

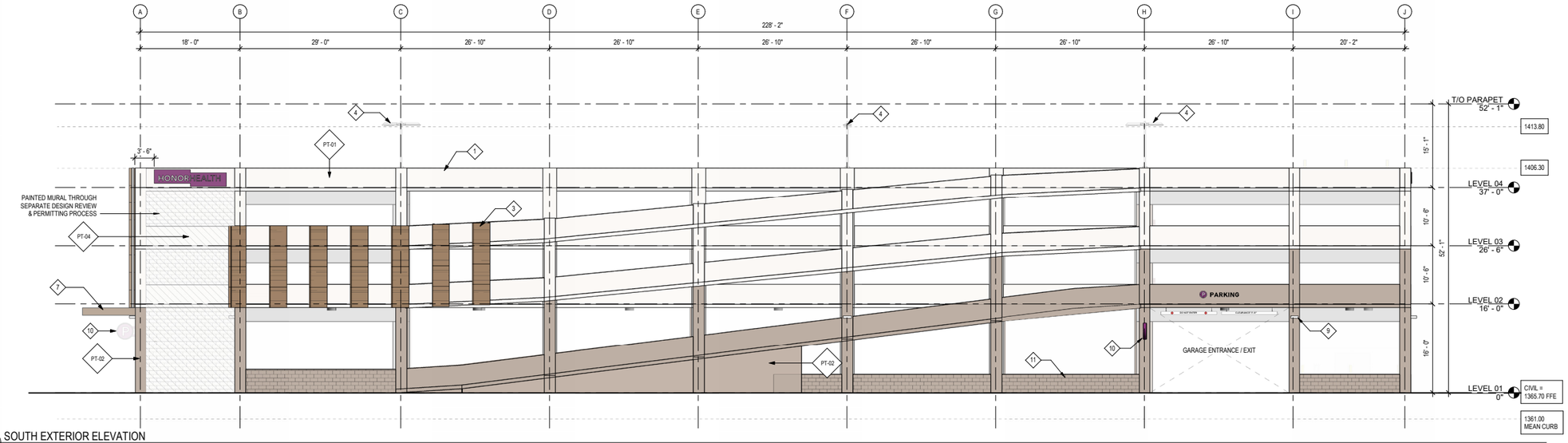
1. UPTURNED CAST-IN-PLACE REINFORCED CONCRETE BEAM, PAINTED
2. CMU ELEVATOR CORE, PAINTED
3. PERFORATED ALUMINUM SCREEN PANEL SYSTEM (VERTICAL)
4. EXTERIOR POLE LIGHTS (FOR TOP FLOOR)
5. ROOF DRAIN COLLECTOR BOX & DOWNSPOUT
6. APS TRANSFORMER + SCREEN (ADD. ALTERNATE)
7. PERFORATED ALUMINUM SCREEN CANOPY SYSTEM (HORIZONTAL)
8. VERTICAL STEEL PLATE ARRAY
9. EXTERIOR WALL MOUNTED LIGHT FIXTURE
10. WALL MOUNTED PARKING SIGN
11. CMU CRASH WALL, PAINTED
12. MECHANICAL EQUIPMENT

MATERIAL LEGEND

MARK	DESCRIPTION	MANUFACTURER	PRODUCT NUMBER / NAME	PATTERN	COLOR / FINISH	SIZE	LIGHT REFLECTANCE VALUE (LRV)
CMU-01	CMU		CMU		SMOOTH FACE FINISH	8"x8"x16"	
CONC-01	CAST-IN-PLACE CONCRETE		CAST-IN-PLACE CONCRETE				
MTL-01A	PERFORATED ALUMINUM SCREEN		5052 H32 ALUMINUM VERTICAL METAL PANEL		HIGH-PERFORMANCE PAINT - BRONZE FINISH - CUSTOM PERFORATION PATTERN	1/8" THICK	8.00
MTL-01B	PERFORATED ALUMINUM SCREEN		5052 H32 ALUMINUM HORIZONTAL METAL PANEL		HIGH-PERFORMANCE PAINT - BRONZE FINISH - CUSTOM PERFORATION PATTERN	3/16" THICK	8.00
MTL-01C	PERFORATED ALUMINUM SCREEN		5052 H32 ALUMINUM GUARDRAIL METAL PANEL		HIGH-PERFORMANCE PAINT - BRONZE FINISH - CUSTOM PERFORATION PATTERN	1/8" THICK	8.00
PT-01	PAINTED CONCRETE AND CMU, LIGHT BEIGE FINISH	SHERWIN-WILLIAMS	SW 7676 - PAPER LANTERN		PAINT - LIGHT BEIGE		76.84
PT-02	PAINTED CONCRETE AND CMU, BROWN FINISH	SHERWIN-WILLIAMS	SW 7525 - TREE BRANCH		PAINT - BROWN		19.00
PT-03	COATED MULLIONS, STAIRCASE RAILING, AND HHS STRUCTURAL FRAMING, AND FLAT STEEL PLATES	SHERWIN-WILLIAMS	SW 6083 - SABLE		PAINT - BRONZE		8.00
PT-04	PAINTED CONCRETE AND CMU, CUSTOM MURAL; REQ. SEPARATE DESIGN REVIEW AND PERMIT	BY OTHERS	CUSTOM MURAL		PAINT - CUSTOM MURAL		



F2 EAST EXTERIOR ELEVATION
A3.202 1/8" = 1'-0"



F1 SOUTH EXTERIOR ELEVATION
A3.202 1/8" = 1'-0"

Copyright © Lamar Johnson Collaborative

CLAYCO
THE ART & SCIENCE OF BUILDING
4300 EAST CAMELBACK STE 300
PHOENIX, AZ 85018
Ph 602.833.6050

Lamar Johnson Collaborative
4300 EAST CAMELBACK STE 300
PHOENIX, AZ 85018
Ph 602.833.6050

PROGRESS PRINT

HONORHEALTH SHEA

HonorHealth
9003 E. Shea Blvd. Scottsdale, AZ 85260
Development Review Resubmittal

DRAWING ISSUE

#	DESCRIPTION	DATE
	SCHEMATIC DESIGN	06/21/24
	DESIGN DEVELOPMENT	08/23/24
	95% CONSTRUCTION DOCUMENTS	10/16/24

BUILDING MAP

DRAWING TITLE: OVERALL BUILDING ELEVATIONS

DRAWING NO. A3.202

Job # 008229

11/8/2024 2:31:29 PM

NORTH-EAST CORNER VIEW OF GARAGE - VIEW FROM HOSPITAL ENTRANCE

NORTH-WEST CORNER VIEW OF GARAGE - ENTRY APPROACH FROM N. 90TH ST

NORTH-BOUND VIEW INSIDE PLAZA

SOUTH-WEST CORNER VIEW OF GARAGE - NORTH-BOUND VIEW FROM N. 90TH ST. ROUNDABOUT

26-DR-2024
11/13/2024

ATTACHMENT 12

Copyright © Lamar Johnson Collaborative

CLAYCO
THE ART & SCIENCE OF BUILDING
4300 EAST CAMELBACK STE 300
PHOENIX, AZ 85018
Ph 602.833.6050

Lamar Johnson Collaborative
4300 EAST CAMELBACK, STE 300
PHOENIX, AZ 85018
Ph 602.833.6050

PROGRESS PRINT

HONORHEALTH SHEA

HonorHealth
9003 E. Shea Blvd. Scottsdale, AZ 85260
Development Review Resubmittal

DRAWING ISSUE

#	DESCRIPTION	DATE
	SCHEMATIC DESIGN	06/21/24
	DESIGN DEVELOPMENT	08/23/24
	95% CONSTRUCTION DOCUMENTS	10/16/24

BUILDING MAP

DRAWING TITLE
RENDERINGS

DRAWING NO.
A0.003

Job # 008229

11/07/2024 2:04:13 PM

Overview of Material Placement

1. Perforated Aluminum Panel - Garage Screen Facade
   Color: Bronze, Pattern: Custom A, LRV: 8.00
2. Perforated Aluminum Panel - Bridge Guardrail Screen
   Color: Bronze, Pattern: Custom B, LRV: 8.00
3. Sherwin-Williams: Brown Paint applied to garage concrete and CMU at groundfloor (SW 7525 | Tree Branch | LRV: 19.00)
4. Sherwin-Williams: Light Beige Paint applied to garage concrete and CMU at upper levels (SW 7676 | Paper Lantern | LRV: 76.84)
5. Sherwin-Williams: Bronze coating applied to mullions, staircase railing, and HHS structural framing (SW 6083 | Sable | LRV: 8.00)
6. Painted Mural by 3rd-party on Full-Height Concrete + CMU Wall

Overview of Material Placement

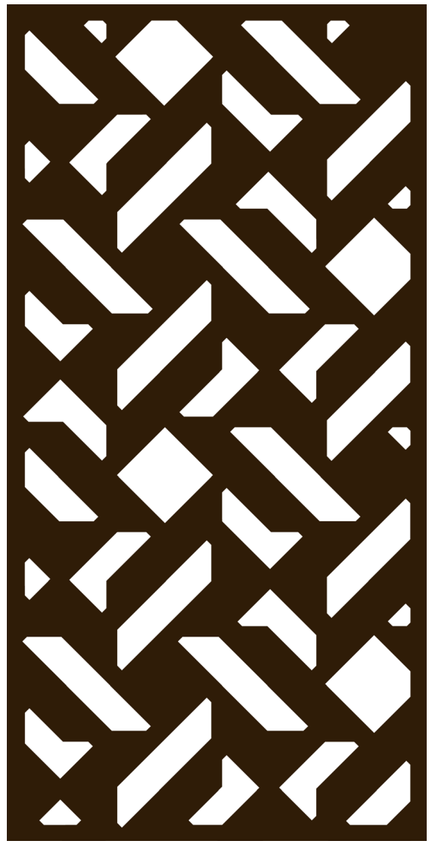
1. Perforated Aluminum Panel - Garage Screen Facade
   Color: Bronze, Pattern: Custom A, LRV: 8.00
2. Perforated Aluminum Panel - Bridge Guardrail Screen
   Color: Bronze, Pattern: Custom B, LRV: 8.00
3. Sherwin-Williams: Brown Paint applied to garage concrete and CMU at groundfloor (SW 7525 | Tree Branch | LRV: 19.00)
4. Sherwin-Williams: Light Beige Paint applied to garage concrete and CMU at upper levels (SW 7676 | Paper Lantern | LRV: 76.84)
5. Sherwin-Williams: Bronze coating applied to mullions, staircase railing, and HHS structural framing (SW 6083 | Sable | LRV: 8.00)
6. Painted Mural by 3rd-party on Full-Height Concrete + CMU Wall

Overview of Material Placement

1. Perforated Aluminum Panel - Garage Screen Facade
   Color: Bronze, Pattern: Custom A, LRV: 8.00
2. Perforated Aluminum Panel - Bridge Guardrail Screen
   Color: Bronze, Pattern: Custom B, LRV: 8.00
3. Sherwin-Williams: Brown Paint applied to garage concrete and CMU at groundfloor (SW 7525 | Tree Branch | LRV: 19.00)
4. Sherwin-Williams: Light Beige Paint applied to garage concrete and CMU at upper levels (SW 7676 | Paper Lantern | LRV: 76.84)
5. Sherwin-Williams: Bronze coating applied to mullions, staircase railing, and HHS structural framing (SW 6083 | Sable | LRV: 8.00)
6. Painted Mural by 3rd-party on Full-Height Concrete + CMU Wall

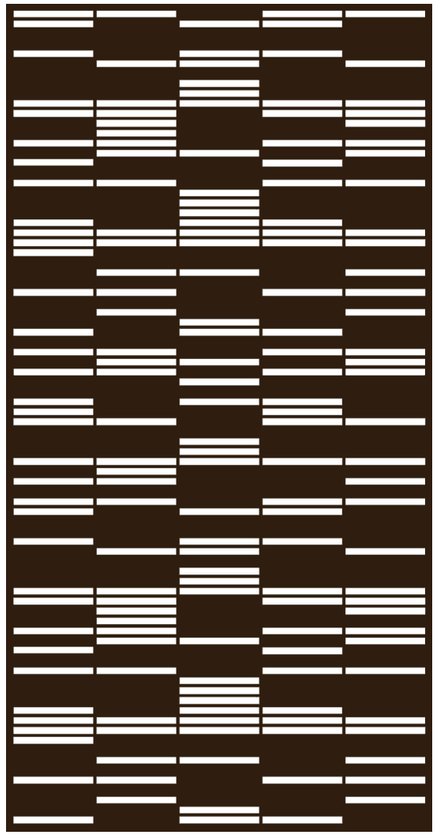
Garage Panel Designs and Paint Colors: Summary

1 2 3 4 5 6



Parasoleil:
Custom Perforation Pattern A

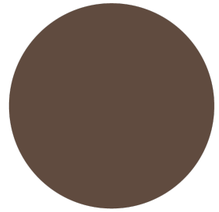
Garage Panel Design



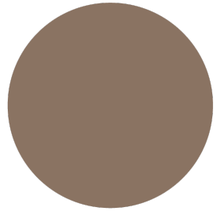
Parasoleil:
Custom Perforation Pattern B

Bridge Panel Design

Parasoleil Panels:
Umbria |
LRV: 8.00



Mullions & Steel Framing:
SW 6063 | Sable |
LRV: 8.00



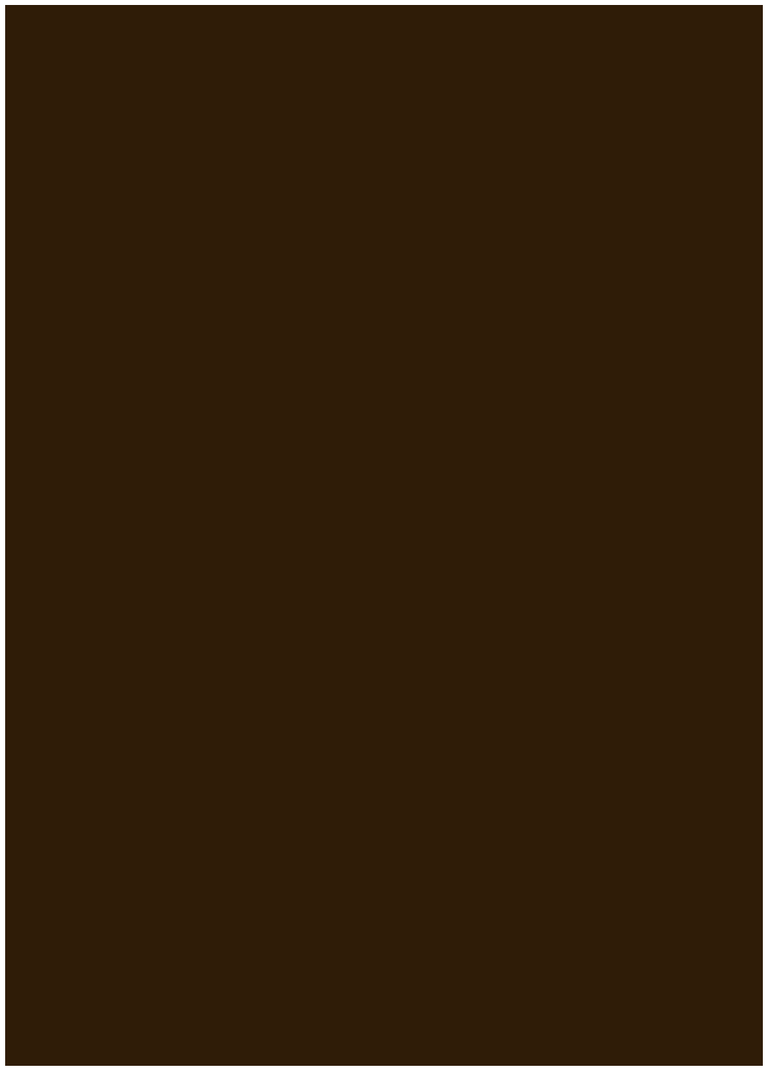
Garage Concrete & CMU -
Groundfloor:
SW 7525 | Tree Branch |
LRV: 19.00

Garage Concrete & CMU -
Upper Floors:
SW 7676 | Paper Lantern |
LRV: 76.84

Concrete + CMU Wall -
Southwest Corner:
Mural painted by 3rd-party

Garage Facade Panel:
Parasoleil - Cut Aluminum Panel, Coating Color: Umbria, LRV: 8.00

1 2



Groundfloor Garage Concrete & CMU:
Sherwin Williams - Paint Color: SW 7525 | Tree Branch | LRV: 19.00

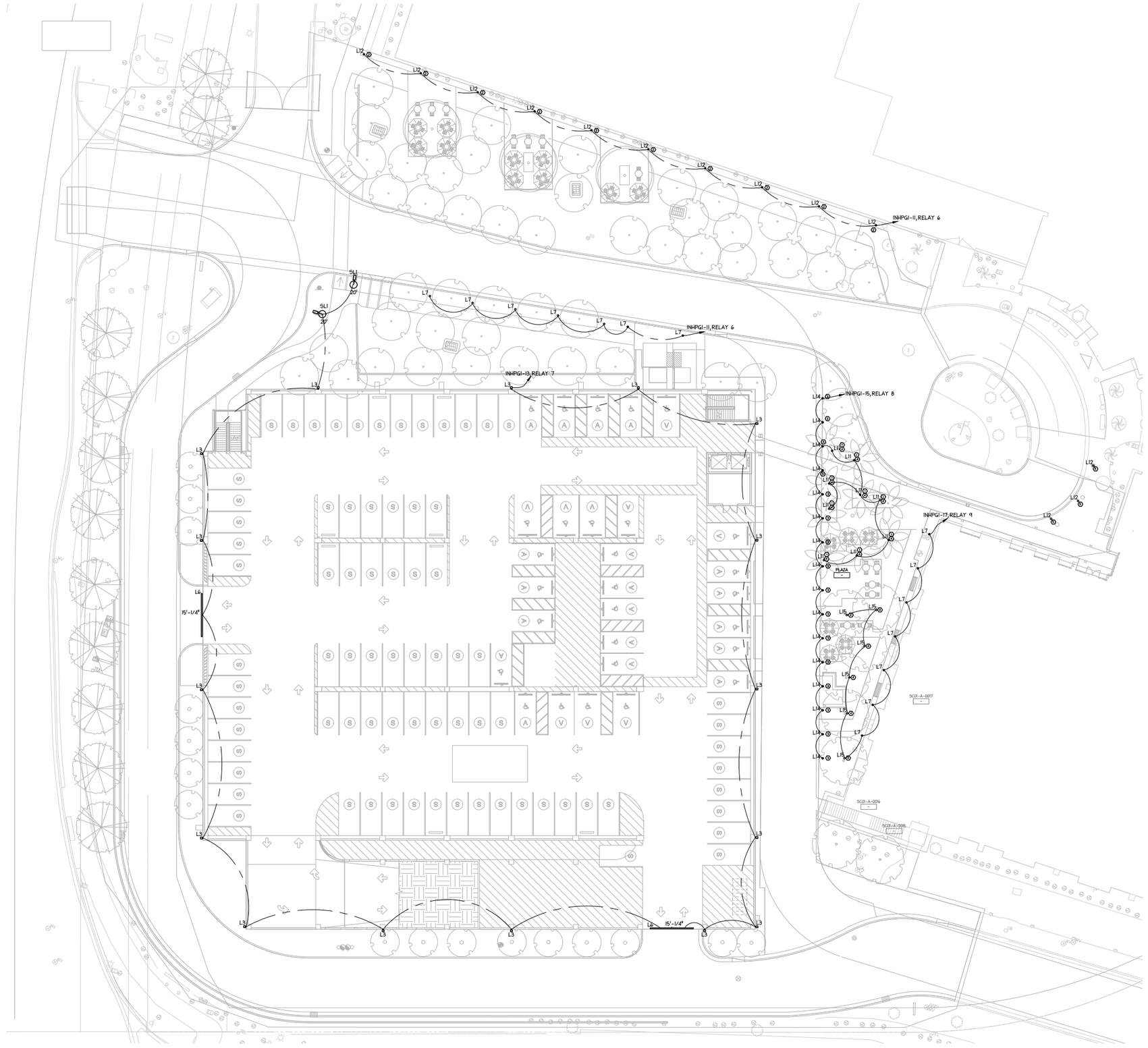
3

Upper Floors Garage Concrete & CMU:
Sherwin Williams - Paint Color: SW 7676 | Paper Lantern | LRV: 76.84

4

Bronze coating applied to mullions, staircase railing, & HSS structural framing: Sherwin Williams - Paint Color: SW 6083 | Sable | LRV: 8.00

5



LIGHTING NOTES:

1. UNLESS OTHERWISE NOTED, COORDINATE EXACT MOUNTING HEIGHTS OF ALL DEVICES WITH ARCHITECTURAL INTERIOR ELEVATIONS.

LIGHTING KEY NOTES:

1. INDICATED LIGHTS SHALL BE PLACED ON PALM TREE, MOUNTED NO HIGHER THAN 8' ABOVE FINISH GRADE.
2. PROVIDE 24" BOLLARD LIGHTS.
3. PROVIDE WELL LIGHTS FOR THE LI4 LIGHT FIXTURES.
4. INDICATED LIGHT FIXTURE SHALL BE AIMED AWAY FROM THE PROPERTY LINE AND DIRECTED UPWARDS.
5. ADD ALT: REPLACE OLD BOLLARDS WITH NEW LED BOLLARDS.

NORTH
TRUE NORTH

ELECTRICAL SITE LIGHTING PLAN
SCALE: 1/16" = 1'-0"

ATTACHMENT 14

26-DR-2024
11/13/2024

Copyright © Lamar Johnson Collaborative

10/8/2024 8:16:25 AM

CLAYCO
THE ART & SCIENCE OF BUILDING
4300 EAST CAMELBACK STE 300
PHOENIX, AZ 85018
Ph 602.833.8050

Lamar Johnson Collaborative
4300 EAST CAMELBACK STE 300
PHOENIX, AZ 85018
Ph 602.833.8050

DHE
3300 N. Central Ave, STE 1520
Phoenix, AZ 85012
TL 602.606.7432
www.dheng.com
Job Number: 001584.00

PRELIMINARY NOT FOR CONSTRUCTION

HONORHEALTH SHEA GARAGE

HonorHealth
9003 E. Shea Blvd. Scottsdale, AZ 85260
Construction Documents

DRAWING ISSUE

#	DESCRIPTION	DATE
	SCHEMATIC DESIGN	06/21/24
	DESIGN DEVELOPMENT	08/23/24

BUILDING MAP

DRAWING TITLE
ELECTRICAL SITE LIGHTING PLAN

DRAWING NO.
ES300

Job # 008229

ABBREVIATIONS

A OR AMP	AMPERE	FA	FIRE ALARM (ELEC)	LP	LIGHTING PANEL (ELEC)	RPM	REVOLUTIONS PER MINUTE
AC	ALTERNATING CURRENT (ELEC.)	FAAP	FIRE ALARM ANNUNCIATOR PANEL	LP	LIQUID PROPANE (MECH)	RR	RETURN REGISTER
AC OR ACU	AIR CONDITIONING UNIT (MECH)	FACP	FIRE ALARM CONTROL PANEL	LRA	LOCKED ROTOR AMPS	RS	REFRIGERANT SUCTION
ADJ	ADJUSTABLE	FC	FAN COIL (MECH)	LS	LIFE SAFETY	RTLS	REAL-TIME LOCATION SYSTEM
AFC	ABOVE FINISHED CEILING	FC	FLAT CABLE (ELEC)	LT	LIGHT	RTU	ROOF TOP UNIT
AFF	ABOVE FINISHED FLOOR	FD	FLOOR DRAIN	LTG	LIGHTING	S	SINK (MECH)
AFG	ABOVE FINISHED GRADE	FDN	FOUNDATION	LV	LOW VOLTAGE	SA	SUPPLY AIR
AGA	AREA GAS ALARM	FE	FIRE EXTINGUISHER	MATV	MATER ANTENNA TELEVISION	SC	SHORT CIRCUIT
AHU	AIR HANDLING UNIT	FEC	FIRE EXTINGUISHER CABINET	MAX	MAXIMUM	SCH	SCHEDULE
AIC	AMPERE INTERRUPTING CAPACITY	FF	FINISHED FLOOR	MB	MOP BASIN	SD	SUPPLY DIFFUSER
AL OR ALUM	ALUMINUM	FFA	FROM FLOOR ABOVE	MBH	THOUSAND BTU PER HOUR	SECT	SECTION
ALT	ALTERNATE	FFB	FROM FLOOR BELOW	MC	MECHANICAL CONTRACTOR	SEQ	SURGE GUARD PROTECTION
AP	ACCESS PANEL/DOOR	FH	FIRE HYDRANT	MCA	MINIMUM CIRCUIT AMPACITY	SF	SQUARE FOOT
APPROX	APPROXIMATE	FHC	FIRE HOSE CABINET	MCC	MOTOR CONTROL CENTER	SH	SHOWER (HEAD/UNIT)
ARCH	ARCHITECTURAL OF ARCHITECT	FIX	FIXTURE	MCB	MAIN CIRCUIT BREAKER	SHT(S)	SHEET(S)
ATS	AUTOMATIC TRANSFER SWITCH	FL	FLOOR	MDP	MAIN DISTRIBUTION PANEL	SIG	SIGNAL
AUTO	AUTOMATIC	FLEX	FLEXIBLE	MECH	MECHANICAL	SIM	SIMILAR
AVG	AVERAGE	FLG	FLOORING	MFR	MANUFACTURER	SN	SOLID NEUTRAL
AWG	AMERICAN WIRE GAUGE	FLUOR	FLUORESCENT	MG	MOTOR GENERATOR	SPEC	SPECIFICATIONS
BY	BOTTOM OF	FP	FIRE PROTECTION	MGA	MASTER (MEDICAL) GAS ALARM PANEL	SPF	SOUNDPROOF
BC	BAR COPPER	FPC	FIRE PROTECTION CONTRACTOR	MH	METAL HALIDE	SPKR	SPEAKER
BFF	BELOW FINISHED FLOOR	FPM	FEET PER MINUTE	MIN	MINIMUM	SQ	SQUARE
BHP	BREAK HORSE POWER	FR	FINNED TUBE RADIATION	MISC	MISCELLANEOUS	SS	SERVICE SINK (REFERRING TO FIXTURE)
BUA	BETWEEN JOISTS ABOVE	FSC	FOOD SERVICE CONTRACTOR	MLO	MAIN LUGS ONLY	SS	SAFETY SWITCH (ELEC)
BLDG	BUILDING	FSS	FUSED SAFETY SWITCH	MOD	MOTOR OPERATED DAMPER	SST OR SS	STAINLESS STEEL (REFER. TO MATERIAL)
BOT	BOTTOM	FT	FEET	MTD	MOUNTED	STD	STANDARD
BR	BRANCH	FTG	FOOTING	NC	NORMALLY CLOSED	STR	STRUCTURAL
BTU	BRITISH THERMAL UNIT	FURN	FURNITURE	NC	NOISE CRITERIA	SUSP	SUSPENDED
BTUH	BRITISH THERMAL UNIT PER HOUR	FV	FULL VOLTAGE	NEC	NATIONAL ELECTRIC CODE	SW	SWITCH (ELEC)
C	CONDUIT (RELATED TO ELEC)	FVR	FILAMENT	NFPA	NATIONAL FIRE PROTECTION ASSOCIATION	SWBD	SWITCHBOARD
CCTV	CLOSED CIRCUIT T.V.	GA	GAGE OR GAUGE	NIC	NOT IN CONTRACT	SYM	SYMMETRICAL
CFM	CUBIC FEET PER MINUTE	GAL	GALLON	NL	NIGHT LIGHT	SWGR	SWITCH GEAR
CH	CABINET HEATER	GALV	GALVANIZED	NO	NUMBER	T	THERMOSTAT (MECH)
CKT	CIRCUIT	GC	GENERAL CONTRACTOR	NO	NORMALLY OPEN	T/	TOP OF
CKT BKR	CIRCUIT BREAKER	GEN	GENERATOR	NTS	NOT TO SCALE	TCC	TEMPERATURE CONTROL CONTRACTOR
CL	CENTER LINE	GFCI	GROUND FAULT CIRCUIT INTERRUPTER	OC	ON CENTER	TCL	TOTAL CONNECTED LOAD
CLNG	CEILING	GFI	GROUND FAULT INTERRUPTER	OD	OUTSIDE DIAMETER	TELE	TELECOMMUNICATION
CO	CLEAN OUT	GFP	GROUND FAULT PROTECTION	OD	OVERFLOW DRAIN	TEMP	TEMPERATURE
COL	COLUMN	GND OR GRND	GROUND	OFCI	OWNER FURNISHED CONTR. INSTALLED	TFA	TO FLOOR ABOVE
COMP	COMPRESSOR	GPH	GALLONS PER HOUR	OFOI	OWNER FURNISHED OWNER INSTALLED	TFB	TO FLOOR BELOW
CONC	CONCRETE	GPM	GALLONS PER MINUTE	OH	OVERHEAD	TSTAT	THERMOSTAT
CONN	CONNECTION	HID	HIGH INTENSITY DISCHARGE	P	POLE (ELEC)	TJA	THROUGH JOIST ABOVE
CONST	CONSTRUCTION	HOA	HAND OFF AUTOMATIC	P	PUMP (MECH)	TMH	TOP OF MANHOLE
CONT	CONTINUOUS	HORZ	HORIZONTAL	PA	PUBLIC ADDRESS SYSTEM	TOD	TOP OF DUCT
CONTR	CONTRACTOR	HP	HORSE POWER	PB	PUSH BUTTON	TOJ	TOP OF JOIST
CR	CRITICAL (ELEC)	HP	HEAT PUMP	PBOX	PULL BOX	TOM	TOP OF MASONRY
CT	CABLE TRAY	HPS	HIGH PRESSURE SODIUM (ELEC)	PE	PNEUMATIC ELECTRIC CONVERTER	TOPO	TOPOGRAPHY
CU	CONDENSING UNIT	HPS	HIGH PRESSURE STEAM	PERF	PERFORATED	TOS	TOP OF STEEL
CV	CONVECTOR	HR	HOUR	PF	POWER FACTOR	TOT	TOTAL
DC	DIRECT CURRENT	HT	HEIGHT	PH	PHASE	TU	TERMINAL UNIT (HVAC)
DEG	DEGREE	HTG	HEATING	PLBG	PLUMBING	TRANSV	TRANSVERSAL
DET	DETAIL	HV	HIGH VOLTAGE	PNL	PANEL	TV	TELEVISION
DF	DRINKING FOUNTAIN	HVAC	HEATING, VENTILATION, AIR CONDITIONING	POD	PNEUMATIC OPERATED DAMPER	TYP	TYPICAL OF
DIA	DIAMETER	HX	HEAT EXCHANGER	PP	POWER POLE	UC	UNDER CABINET/ UNDER COUNTER
DIM	DIMENSION	HYD	HYDRANT	PPM	PARTS PER MILLION	UG	UNDERGROUND
DISC	DISCONNECT	HZ	HERTZ	PREFAB	PREFABRICATED	UH	UNIT HEATER
DIST	DISTRIBUTION	IBC	INTERNATIONAL BUILDING CODE	PREFIN	PRE FINISHED	UNO	UNLESS NOTED OTHERWISE
DN	DOWN	IC	INTERCOM	PRES	PRESSURE	UTIL	UTILITY
DM	DEMAND METER	ID	INSIDE DIAMETER	PROJ	PROJECT	UV	UNIT VENTILATOR
DO	DRAW OUT	IES	ILLUMINATING ENGINEERING SOCIETY	PSI	POUNDS PER SQUARE INCH	V	VOLT (ELEC)
DP	DISTRIBUTION PANEL	IE	INVERT ELEVATION	PVC	POLYVINYL CHLORIDE	VAV	VARIABLE AIR VOLUME BOX
DPR	DAMPER	IH	INTAKE HOOD	PW	POWER	VB	VALVE BOX
DRN	DRAIN	IN	INCH	R	RADIUS	VC	VACUUM CLEANING
DWG	DRAWING	INCAN	INCANDESCENT	RAD	RADIATION	VEL	VELOCITY
DWH	DOMESTIC WATER HEATER	INFO	INFORMATION	RCP	REFLECTED CEILING PLAN	VENT	VENTILATION
EC	ELECTRICAL CONTRACTOR	INSUL	INSULATION	RD	ROOF DRAIN	VERT	VERTICAL
EF	EXHAUST FAN	INT	INTERIOR	REC	RECESSED	VFD	VARIABLE FREQUENCY DRIVE
EG	EXHAUST GRILLE	INV	INVERT OR INVERTER	RECP	RECEPTACLE	VIF	VERIFY IN FIELD
EL	ELEVATION - GRADE OR BUILDING	ISG	ISOLATED GROUND SURGE GUARD	RECT	RECTIFIER	VM	VELOCITY METER
ELEC	ELECTRIC OR ELECTRICAL	JB	JUNCTION BOX	REF	REFERENCE	VOL	VOLUME
ELEV	ELEVATOR	JCT	JUNCTION	REF OR REFR	REFRIGERATOR	VSD	VARIABLE SPEED DRIVE
EMER	EMERGENCY	JST	JOIST	REINF	REINFORCEMENT OF REINFORCED	W/	WITH
ENCL	ENCLOSURE	KV	KILOVOLTS	REQD	REQUIRED	WHM	WATT HOUR METER
EP	ELECTRICAL PNEUMATIC	KVA	KILOVOLT AMPERES	REV	REVISIONS	W/O	WITHOUT
EQ	EQUAL	KVAR	KILOVOLT AMPERES REACTIVE	RF	RETURN FAN	WPD	WATER PRESSURE DROP
EQUIP	EQUIPMENT	KW	KILOWATT	RFG	ROOFING	WP	WATER PROOF
ER	EXHAUST REGISTER	L OR LAV	LAVATORY	RG	RETURN GRILLE	WPFG	WATER PROOFING
EST	ESTIMATE	LV	LOUVER	RGH	ROUGH	WT	WEIGHT
ENG	ELECTRIC WATER COOLER	LBS or #	POUNDS	RGIP	REMOTE GROUND INDICATING PANEL	XFMR	TRANSFORMER
EXP	EXPLOSION PROOF	LD	LOAD	RH	RELIEF HOOD	Z	IMPEDANCE
EX OR EXIST	EXISTING	LG	LENGTH	RH	RELATIVE HUMIDITY	ø	DIAMETER
EXTG	EXISTING	LF	LINEAR FEET	RL	REGRIGERANT LIQUID	ø	PHASE
EXT	EXTERIOR	LIN	LINEAR	RLA	RUNNING LOAD AMPS		
F	FAHRENHEIT	LOC	LOCATION	RP	RADIANT PANEL		

CODES AND REGULATIONS

AUTHORITY HAVING JURISDICTION (AHJ)	CODES
CITY OF SCOTTSDALE ARIZONA	2018 GUIDELINES FOR DESIGN AND CONSTRUCTION OF HEALTHCARE FACILITES 2017 NFPA 70 - NATIONAL ELECTRIC CODE 2018 NFPA 72 - NATIONAL FIRE ALARM CODE 2018 NFPA 101 - LIFE SAFETY CODE 2018 INTERNATIONAL BUILDING CODE 2018 INTERNATIONAL MECHANICAL CODE 2018 INTERNATIONAL PLUMBING CODE 2018 INTERNATIONAL FIRE CODE 2010 INTERNATIONAL FUEL GAS CODE 2017 ADA STANDARDS FOR ACCESSIBLE DESIGN 2017 NATIONAL ELECTRIC CODE WITH LOCAL AMENDMENTS 2018 NATIONAL FIRE ALARM CODE 2018 INTERNATIONAL BUILDING CODE WITH LOCAL AMENDMENTS 2018 INTERNATIONAL ENERGY CONSERVATION CODE WITH LOCAL AMENDMENTS 2018 INTERNATIONAL MECHANICAL CODE WITH LOCAL AMENDMENTS 2018 INTERNATIONAL PLUMBING CODE WITH LOCAL AMENDMENTS 2018 INTERNATIONAL FIRE CODE WITH LOCAL AMENDMENTS 2018 INTERNATIONAL FUEL GAS CODE WITH LOCAL AMENDMENTS 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN 2010 ASME A17.1 ELEVATOR CODE WITH LOCAL AMENDMENTS

PROJECT INFORMATION

PROJECT NAME:	HONORHEALTH SHEA PARKING GARAGE
OCCUPANCY TYPE (PER IBC 2018)	STORAGE S-2

LUMINAIRE SCHEDULE

TAG	DESCRIPTION	MANUFACTURER	CATALOG NUMBER	EQUAL MANUFACTURE	LAMP DATA TYPE	COLOR TEMP	LUMENS	INPUT WATTS	VOLTS	NOTES
SL1	18' POLE MOUNTED ON 2' BASE	LITHONIA	DSX0-LED-P1-30K-70CRI-T2M-MVOLT-DBLXD	LIGMAN LIGHTING	LED	3000K	5862	33	UNV	2
SL2	QUAD HEAD 8'-6" POLE MOUNTED ON 3'-6" BASE	LITHONIA	DSX0-LED-P1-30K-70CRI-T2M-MVOLT-DBLXD	LIGMAN LIGHTING	LED	3000K	5862	33	UNV	2
SL2A	DUAL HEAD 8'-6" POLE MOUNTED ON 3'-6" BASE	LITHONIA	DSX0-LED-P1-30K-70CRI-T2M-MVOLT-DBLXD	LIGMAN LIGHTING	LED	3000K	5862	33	UNV	2
L1	18.5" DOWNLIGHTS - GARAGE	BEACON	SRT2-30-30K8-5GW-UNV-BLT-WG	LITHONIA	LED	3000K	3800	30	UNV	2
L2	LED STRIPLIGHT - INDOOR	LITHONIA	ZLID-L48-5000-FST-MVOLT-30K-90CRI-WH	LITECONTROL	LED	3000K	4531	41	UNV	2
L2E	LED STRIPLIGHT W/ EMERGENCY PACK - INDOOR	LITHONIA	ZLID-L48-5000-FST-MVOLT-30K-90CRI-ETW-WH	LITECONTROL	LED	3000K	4531	41	UNV	2
L3	EXTERIOR WALL MOUNTED LED W/LIGHTING SHIELD	BEACON	VPW3-160L-45-3K7-3-UNV-BLT-C5	LITHONIA	LED	3000K	6702	45	UNV	1
L4	CEILING MOUNTED LED - UNDER BRIDGE	BEACON	SRT1-15-3K8-5GW-UNV-BLT	WE-EF	LED	3000K	2000	15	UNV	
L5	VIA 3 SEAL PENDANTS	LUMENWERX	V35EALW-D-WET-ASDO-SW-80-750-30-4'-UNV-DI	COLUMBIA	LED	3000K	3000	30	UNV	
L6	183" LINEAR LED - GARAGE ENTRANCE	QTL	RDISW- 3.0HE+ - 30-DMP-STD-DF-SI-BK-SST-BK-183"-O	TARGETTI	LED	3000K	6344	46	UNV	2
L7	CONCRETE BOLLARD	VISIONAIRE	EDS-1A-COG-20LC-3-T5-UNV-AB-BZ-IL5	US ARCHITECTURAL LIGHTING	LED	N/A	185	20	UNV	
L8	LED SQUARE LINEAR HYDROFLEX STRIPLIGHT	DESIGNPLAN	4080HP-30K-DIF-OP	QTL	LED	3000K	750	10	UNV	
L11	LED ARCHITECTURAL FLOOD LIGHT	HYDREL	SAFI-LED-P3-80CRI-30K-MVOLT-40DEG-CWL-KH1-ZT-C2-BL	B-K LIGHTING	LED	3000K	1384	21	UNV	
L12	BOLLARD	DESIGNPLAN	KLK-L-2-30K-02-R	BEACON	LED	3000K	171	12	UNV	
L14	MULTI-DIRECTIONAL LED PATHLIGHT	ALCON	9150-30K-15-G360	KIM LIGHTING	LED	3000K	N/A	5	UNV	
L15	GOBO FLOODLIGHT	DESIGNPLAN	AK1110-0-5-R2-N	B-K LIGHTING	LED	3000K	3250	43	UNV	1
L17	PENDANT ELEVATOR LOBBY LIGHTS	ALW	CRP3/WL-10833040-N-V10-L-SB-R5	FOCAL POINT	LED	3000K	873	8	UNV	
L18	2' LED SURFACE MOUNTED WET	LITHONIA	DFWL2-L24-3000LM-ACL-MD-MVOLT-GZ10-30K-80 CRI	BEACON	LED	3000K	3483	18	UNV	2
L19	4" LED RECESSED DOWNLIGHTS	LITHONIA	LDN4-40/10-L04-WR-LSS-TRM-MVOLT-EZ1	COLUMBIA LIGHTING	LED	4000K	958	11	UNV	
⊗ ⊠	CEILING MOUNTED LED RED EXIT SIGN	EELP	SPWLEX-1-R-W	LUMINATION	LED	N/A	N/A	2	UNV	

LUMINAIRE SCHEDULE NOTES:
1. COORDINATE WITH MANUFACTURER TO PROVIDE LIGHTING SHIELD.
2. LUMINAIRE SHALL BE DIRECTED DOWNWARD.

POWER SYMBOLS

- WALL MOUNTED CLOCK (ONE SIDED)
- WALL MOUNTED CLOCK (TWO SIDED)
- AD AUTOMATIC DOOR ACTUATOR
- C CONTACTOR
- FB X FB X RECESSED FLOOR BOX (SQR, RND) (TYPE "X" = REFER TO SPECIFICATIONS)
- DUPLEX RECEPTACLE
- GFCI DUPLEX RECEPTACLE
- DOUBLE-DUPLEX RECEPTACLE

  16" TO BOTTOM, U.N.O.
  X: NONE = NORMAL
  IG = ISOLATED GROUND
  S = SPLIT-WIRED
  HM = HORIZONTAL MOUNT
  WP = WEATHER PROOF
  CLG = CEILING MTD.
  USB = INTEGRAL USB PORTS

- ABOVE COUNTER RECEPTACLES 48" AFF TO TOP 46" AFF TO TOP AT WORKSURFACES OR 2" ABOVE BACKSPLASHES TO BOTTOM
- DUPLEX/QUADPLEX ESSENTIAL RECEPTACLES 16" TO BOTTOM, U.N.O.
- ABOVE COUNTER ESSENTIAL RECEPTACLES 48" AFF TO TOP 46" AFF TO TOP AT WORKSURFACES OR 2" ABOVE BACKSPLASHES TO BOTTOM
- A PLUGMOLD RECEPTACLES A = 12" ON CENTER B = 18" ON CENTER
- SWITCHED RECEPTACLE
- SPECIAL OUTLET
- JUNCTION BOX
- FURNITURE CONNECTION

ALL NOTED HEIGHTS PROVIDED ON DRAWINGS ARE REFERENCING THE CENTER OF BOX.

- PP POWER POLE
- TC TIME CLOCK
- PC PHOTOCELL
- DISCONNECT SWITCH
- FUSIBLE DISCONNECT SWITCH
- COMBINATION STARTER SWITCH
- VFD VARIABLE FREQUENCY DRIVE
- GROUND BAR SIZE AS INDICATED
- EPO EMERGENCY POWER OFF 48" TO TOP
- 1-PHASE MOTOR
- 3-PHASE MOTOR
- SWITCHGEAR (UL 1558)
- SWITCHBOARD (UL 891) (BRANCH ASSIGNMENTS BELOW)
- BRANCH PANELBOARD (BRANCH ASSIGNMENTS BELOW)
- DISTRIBUTION PANELBOARD (BRANCH ASSIGNMENTS BELOW)
- NORMAL BRANCH
- LIFE SAFETY BRANCH
- EQUIPMENT BRANCH
- CRITICAL BRANCH
- ATS AUTOMATIC TRANSFER SWITCH
- BTS BYPASS AUTOMATIC TRANSFER SWITCH
- M POWER METER
- T TRANSFORMER
- MANUAL MOTOR STARTER
- CONDUIT SLEEVE

ELECTRICAL GENERAL SYMBOLS

- X POWER NOTES
- X LIGHTING NOTES
- X SYSTEMS NOTES
- 1 DEMO NOTES
- BRANCH CIRCUITING
- SWITCHING

ONE-LINE DIAGRAM SYMBOLS

- MLO BRANCH PANELBOARD (BRANCH ASSIGNMENTS BELOW)
- MCB BRANCH PANELBOARD (BRANCH ASSIGNMENTS BELOW) (XXXXA)
- NORMAL BRANCH
- LIFE SAFETY BRANCH
- CRITICAL BRANCH
- EQUIPMENT BRANCH
- G 3PXXXA GENERATOR
- INTEGRAL BASE MTD FUEL TANK
- STANDBY GENERATOR kW/kVA VOLTAGE FUEL SOURCE
- GEC
- XFMR NAME TRANSFORMER 480V-208Y/120V kVA
- TBD GEC
- ATS NAME AMPERAGE VOLTAGE POLES TRANSITION — AUTOMATIC TRANSFER SWITCH
- BTS NAME AMPERAGE VOLTAGE POLES TRANSITION — AUTOMATIC TRANSFER SWITCH WITH BYPASS ISOLATION
- UPS UNINTERRUPTIBLE POWER SUPPLY VOLTAGE KVA
- GROUND TEST WELL
- GROUND (EXOTHERMIC CONNECTION)
- SPD kA (RATING) SURGE PROTECTION
- METER
- 3PXXX AS / 3PXXX AF FUSIBLE SWITCH AS = SWITCH RATING AF = FUSE RATING
- 3PXXX AF / 3PXXX AT CIRCUIT BREAKER AF = FRAME RATING AT = TRIP RATING
- 3PXXX AF / 3PXXX AT MEDIUM VOLTAGE CIRCUIT BREAKER AF = FRAME RATING AT = TRIP RATING
- 3PXXX AF / 3PXXX AT DRAW-OUT CIRCUIT BREAKER AF = FRAME RATING AT = TRIP RATING
- FUSED COMBINATION MOTOR STARTER
- K KEY INTERLOCK - CAPTIVE WHEN CLOSED
- K KEY INTERLOCK - REQUIRED TO CLOSE

EXAMPLES OF SURFACE MOUNTED RACEWAYS AND BOXES

- UP - RACEWAY/ WIREMOLD
- DOWN - RACEWAY/ WIREMOLD
- UP & DOWN - RACEWAY/ WIREMOLD
- SURFACE MOUNTED DEVICE

EXAMPLES OF LINEWEIGHTS

- DEMOLISHED RECEPTACLES
- DEMOLISHED TECHNOLOGY
- DEMOLISHED LIGHTS
- EXISTING RECEPTACLES
- EXISTING TECHNOLOGY
- EXISTING LIGHTS
- NEW RECEPTACLES
- NEW TECHNOLOGY
- NEW LIGHTS

NURSE CALL SYMBOLS

- DOME LIGHT 2G - 1"C X: W = WALL C = CEILING
- 2 ZONE DOME LIGHT 2G - 1"C X: W = WALL C = CEILING
- N SINGLE PATIENT STATION 3G - 1"C
- N2 DUAL PATIENT STATION 3G - 1"C
- N2 DUAL PUSH BUTTON/CUSTOM IG - 3/4"C
- N2 BATH PULL STATION IG - 3/4"C (TOILET) IG - 3/4"C (SHOWER)
- N2 DUTY STATION 3G - 3/4"C
- N2 STAFF STATION 3G - 3/4"C
- N2 STAFF ASSIST/CODE BLUE IG - 3/4"C
- N2 PUSH FOR HELP IG - 3/4"C
- N2 NC4 JACK IG - 3/4"C
- N MASTER STATION IG - 3/4"C
- N2 37 PIN BED CONNECTOR IG - 3/4"C

PATIENT STATION ACCESSORIES

- CALL CORD
- PILLOW SPEAKER
- TV CONTROL 3/4"C PATH FROM BED STATION TO TV
- BED LIGHT CONTROL 3/4"C PATH FROM BED STATION TO LIGHT

ALL BOXES SHALL BE EXTRA DEEP STYLE (U.N.O.)

REFER TO DETAIL SHEET FOR MOUNTING HEIGHTS

FIRE ALARM SYMBOLS

WALL	CLG	
AV	AV	AUDIO/ VISUAL DEVICE 80"MIN TO BOTTOM TO 96"MAX TO TOP
B	N/A	BELL 80"MIN TO BOTTOM TO 96"MAX TO TOP
DH	DH	DOOR HOLD
N/A	D	DUCT DETECTOR
FS	N/A	FLOW SWITCH
H	H	HEAT DETECTOR
F	N/A	PULL STATION 48" TO TOP
PS	N/A	PRESSURE SWITCH
RT	RT	DUCT DETECTOR REMOTE TEST 48" TO TOP
S	S	SMOKE DETECTOR
TS	N/A	TAMPER SWITCH
V	V	VISUAL DEVICE 80"MIN TO BOTTOM TO 96"MAX TO TOP
R	N/A	FIRE ALARM RELAY

- FAAP FIRE ALARM ANNUNCIATOR PANEL
- FACP FIRE ALARM CONTROL PANEL
- FABP FIRE ALARM BOOSTER (NAC) PANEL

SECURITY SYMBOLS

- CAMERA 96" TO BOTTOM, U.N.O
- CR CARD READER 48" TO TOP
- DC DOOR CONTACT
- EK ELECTRIC STRIKE
- ML MAGNETIC LOCK
- AMDR AUTOMATIC DOOR RELAY
- EE EMERGENCY EXIT BUTTON
- K KEYPAD 48" TO TOP
- I INTERCOM
- PB PANIC BUTTON
- IDRB INTERCOM/DOOR RELEASE
- REQ REQUEST TO EXIT (PUSHBUTTON)
- PS POWER SUPPLY
- ELR ELECTRONIC LATCH RETRACTION DEVICE
- HE HUGS SYSTEM EXCITER
- HA HUGS SYSTEM ANTENNA
- RQ REQUEST TO EXIT (MOTION SENSOR)
- PTD POWER TRANSFER DEVICE (HINGE)

LIGHTING SYMBOLS

- RECESSED TROFFER (SIZE AS INDICATED ON SCHEDULE)
- WALL WASH RECESSED DOWN LIGHT
- RECESSED DOWN LIGHT
- SURFACE DOWN LIGHT
- SURFACE FIXTURE (SIZE AS INDICATED ON SCHEDULE)
- SUSPENDED LINEAR FIXTURE
- TRACK LIGHTING
- EMERGENCY BATTERY UNIT
- PATIENT ROOM NIGHT LIGHT
- LIFE SAFETY LIGHTS
- CRITICAL LIGHTS
- PENDANT FIXTURE
- CEILING MTD. EXIT SIGN ONE SIDED (CHEVRONS AS INDICATED)
- CEILING MTD. EXIT SIGN TWO SIDED (CHEVRONS AS INDICATED)
- WALL MTD. EXIT SIGN ONE SIDED (CHEVRONS AS INDICATED)
- WALL MTD. EXIT SIGN TWO SIDED (CHEVRONS AS INDICATED)
- WALL MTD. LINEAR FIXTURE
- WALL MTD. FIXTURE
- SITE LIGHTING
- OS X OS X WALL OCCUPANCY SENSOR CEILING OCCUPANCY SENSOR
- VS X VS X WALL VACANCY SENSOR CEILING VACANCY SENSOR X: REFER TO SPECIFICATIONS FOR TYPE
- PC DAYLIGHT HARVESTING PHOTOCELL
- RC ROOM CONTROLLER
- GTD GENERATOR TRANSFER DEVICE
- INV INVERTER
- $ X SWITCH 48" AFF TO TOP 46" AFF TO TOP AT WORKSURFACES OR 2" ABOVE BACKSPLASHES
  X: NONE = SINGLE POLE
  2 = 2 POLE T = TIMER
  3 = 3 WAY K = KEYED
  4 = 4 WAY P = PILOT
  LV = LOW VOLTAGE
  S = SPLIT-WIRED
  D = DIMMER SWITCH

TECHNOLOGY SYMBOLS

- S SPEAKER
- VC VOLUME CONTROL
- WALL-MTD TELEPHONE FACEPLATE 48" AFF TO TOP 46" AFF TO TOP AT WORKSURFACES OR 2" ABOVE BACKSPLASHES
- X TECHNOLOGY DROP 16" TO BOTTOM, U.N.O X: NONE = NORMAL WP = WALL PHONE PM = PHYSIOLOGICAL MONITOR GLU = GLUCOSE MONITOR RM = REFRIGERATOR MONITOR X-(-Y)-Z) X=#DATA, Y=#PHONE, Z=#TV
- ABOVE COUNTER TECHNOLOGY DROP 48" AFF TO TOP 46" AFF TO TOP AT WORKSURFACES OR 2" ABOVE BACKSPLASHES TO BOTTOM
- AP WIRELESS DATA ACCESS POINT AP = WIRELESS ACCESS POINT AT = ASSET TRACKING PM = PATIENT MONITORING
- RM REFRIGERATION MONITORING
- FB X FB X RECESSED FLOOR BOX (SQR, RND) (TYPE "X" = REFER TO SPECIFICATIONS)
- TELEVISION DROP 16" TO BOTTOM, U.N.O
- INTERCOM 48" TO TOP
- CABLE TRAY
- DB X DOORBELL
  X:
  PB = PUSHBUTTON (48"AFF TO CENTER)
  CH = CHIME (84"AFF TO CENTER)

ALL OTHERWISE NOTED HEIGHTS PROVIDED ON DRAWINGS ARE REFERENCING THE CENTER OF BOX.

GENERAL NOTE:
1. LIGHT SYMBOLS & TEXT REPRESENTS EXISTING MECHANICAL & ELECTRICAL SYSTEMS. DARK SYMBOLS & TEXT REPRESENTS NEW MECHANICAL & ELECTRICAL SYSTEMS.

CLAYCO
THE ART & SCIENCE OF BUILDING
4300 EAST CAMELBACK STE 300
PHOENIX, AZ 85018
Ph 602.833.8500

Lamar Johnson Collaborative
4300 EAST CAMELBACK STE 300
PHOENIX, AZ 85018
Ph 602.833.6050

DHE
3300 N. Central Ave, STE 1520
Phoenix, AZ 85012
TL 602.606.7432
www.dheng.com
Job Number: 001584.00

PRELIMINARY
NOT FOR CONSTRUCTION

HONORHEALTH SHEA GARAGE

HonorHealth
9003 E. Shea Blvd. Scottsdale, AZ 85260
Construction Documents

DRAWING ISSUE

#	DESCRIPTION	DATE
	SCHEMATIC DESIGN	06/21/24
	DESIGN DEVELOPMENT	08/23/24

BUILDING MAP

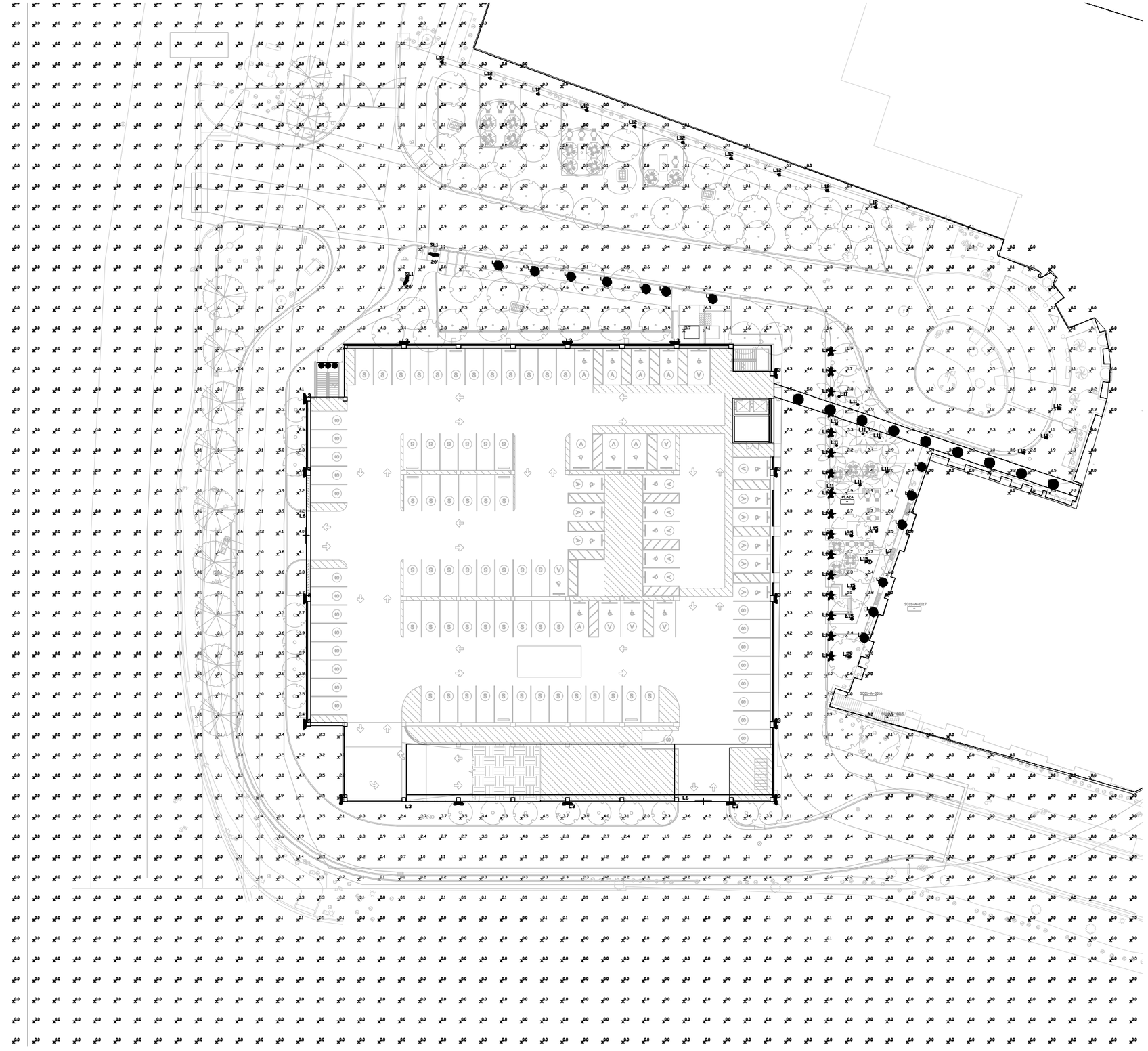
DRAWING TITLE
ELECTRICAL SYMBOLS AND LEGEND

DRAWING NO.
E000

Job # 008229

10/8/2024 8:06:25 AM

Copyright © Lamar Johnson Collaborative



NORTH
TRUE NORTH

ELECTRICAL SITE LIGHTING PLAN - PHOTOMETRICS

SCALE: NTS

ATTACHMENT 15

26-DR-2024
11/13/2024

CLAYCO
THE ART & SCIENCE OF BUILDING
4300 EAST CAMELBACK STE 300
PHOENIX, AZ 85018
Ph 602.833.8050

Lamar Johnson Collaborative
4300 EAST CAMELBACK STE 300
PHOENIX, AZ 85018
Ph 602.833.8050

DHE
3300 N. Central Ave, STE 1520
Phoenix, AZ 85012
TL 602.606.7432
www.dheng.com
Job Number: 001584.00

PRELIMINARY
NOT FOR CONSTRUCTION

HONORHEALTH SHEA GARAGE

HonorHealth
9003 E. Shea Blvd. Scottsdale, AZ 85260
Construction Documents

DRAWING ISSUE

#	DESCRIPTION	DATE
	SCHEMATIC DESIGN	06/21/24
	DESIGN DEVELOPMENT	08/23/24

BUILDING MAP

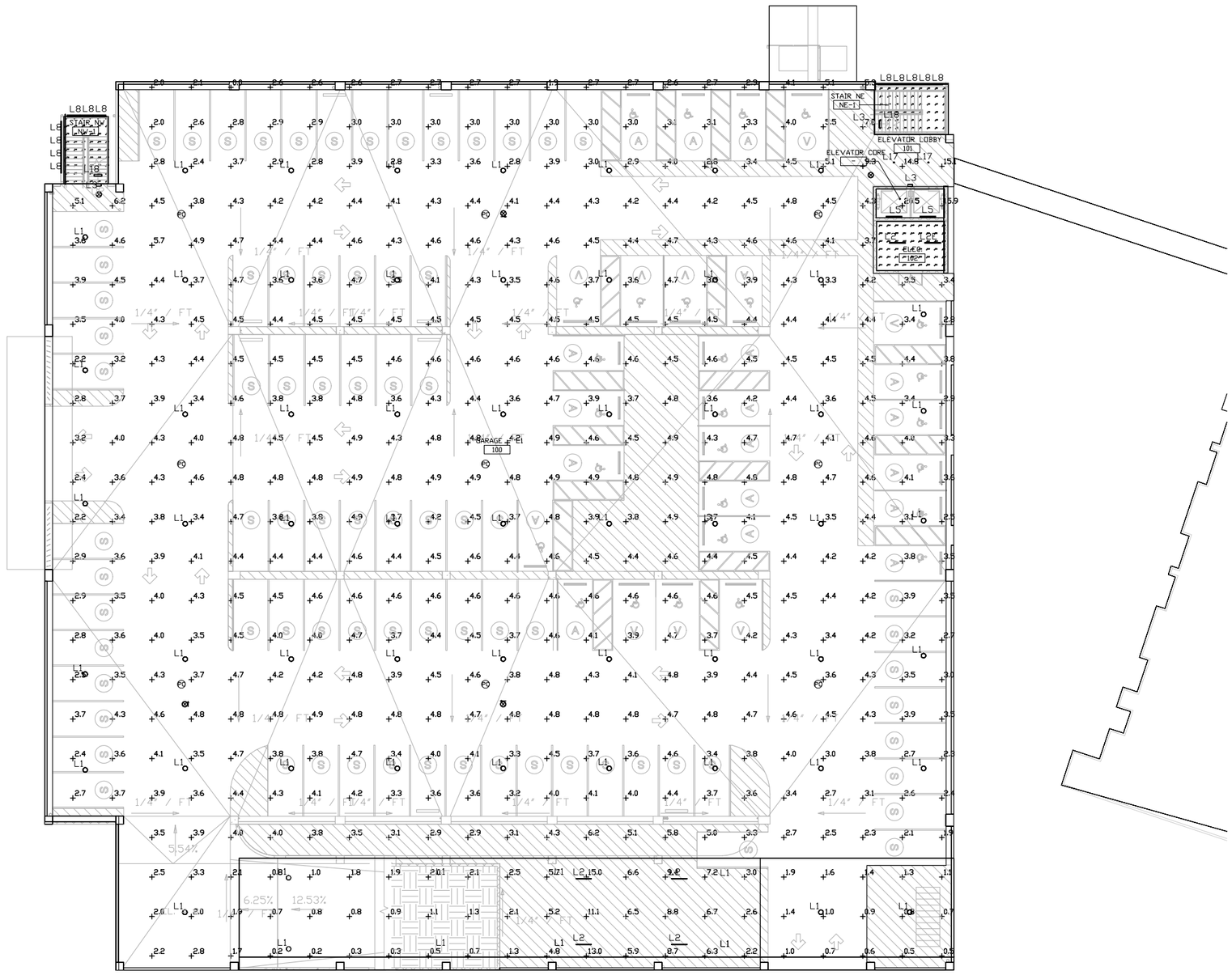
DRAWING TITLE
ELECTRICAL SITE LIGHTING PLAN - PHOTOMETRICS

DRAWING NO.
ES300

Job # 008229

Copyright © Lamar Johnson Collaborative

10/8/2024 8:40:25 AM



NORTH
TRUE NORTH

ELECTRICAL LIGHTING PLAN - LEVEL 01 PHOTOMETRICS
NTS

Copyright © Lamar Johnson Collaborative

10/8/2024 8:06:25 AM

CLAYCO
THE ART & SCIENCE OF BUILDING
4300 EAST CAMELBACK STE 300
PHOENIX, AZ 85018
PH 602.453.8900

Lamar Johnson Collaborative
4300 EAST CAMELBACK STE 300
PHOENIX, AZ 85018
Ph 602.833.8050

DHE
3300 N. Central Ave, STE 1520
Phoenix, AZ 85012
TL 602.606.7432
www.dheng.com
Job Number: 001584.00

PRELIMINARY

HONORHEALTH SHEA GARAGE

HonorHealth
9003 E. Shea Blvd. Scottsdale, AZ 85260
Construction Documents

DRAWING ISSUE

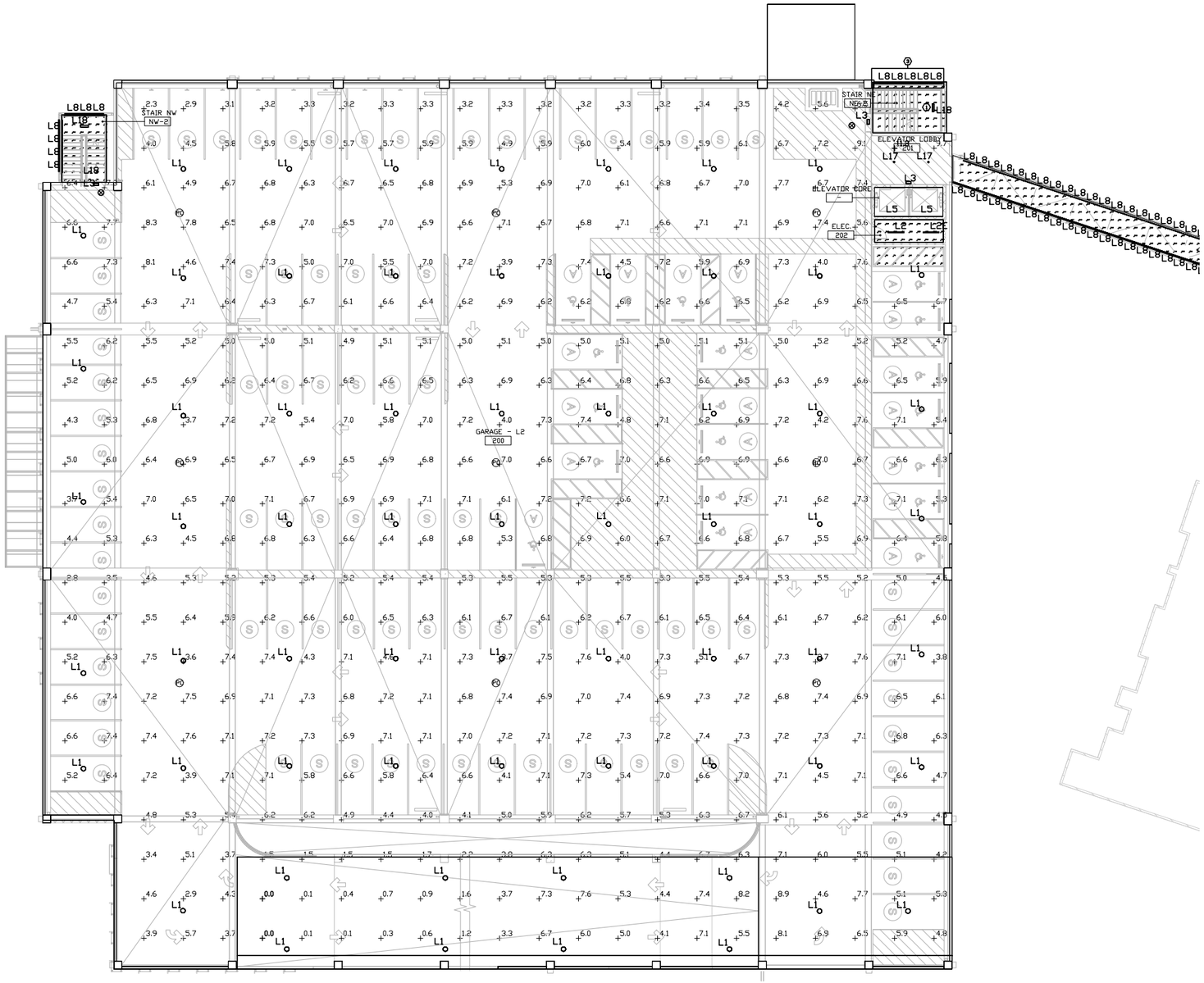
#	DESCRIPTION	DATE
	SCHEMATIC DESIGN	06/21/24
	DESIGN DEVELOPMENT	08/23/24

BUILDING MAP

DRAWING TITLE
ELECTRICAL LIGHTING PLAN - LEVEL 01 PHOTOMETRICS

DRAWING NO.
E301P

Job # 008229



NORTH
TRUE NORTH

ELECTRICAL LIGHTING PLAN - LEVEL 02 - PHOTOMETRICS

SCALE: NTS

Copyright © Lamar Johnson Collaborative

CLAYCO
THE ART & SCIENCE OF BUILDING
4300 EAST CAMELBACK STE 300
PHOENIX, AZ 85018
Ph 602.833.8050

Lamar Johnson Collaborative
4300 EAST CAMELBACK STE 300
Phoenix, AZ 85018
Ph 602.833.8050

DHE
3300 N. Central Ave, STE 1520
Phoenix, AZ 85012
TL 602.606.7432
www.dheng.com
Job Number: 001584.00

PRELIMINARY
NOT FOR CONSTRUCTION

HONORHEALTH SHEA GARAGE

HonorHealth
9003 E. Shea Blvd. Scottsdale, AZ 85260
Construction Documents

DRAWING ISSUE

#	DESCRIPTION	DATE
	SCHEMATIC DESIGN	06/21/24
	DESIGN DEVELOPMENT	08/23/24

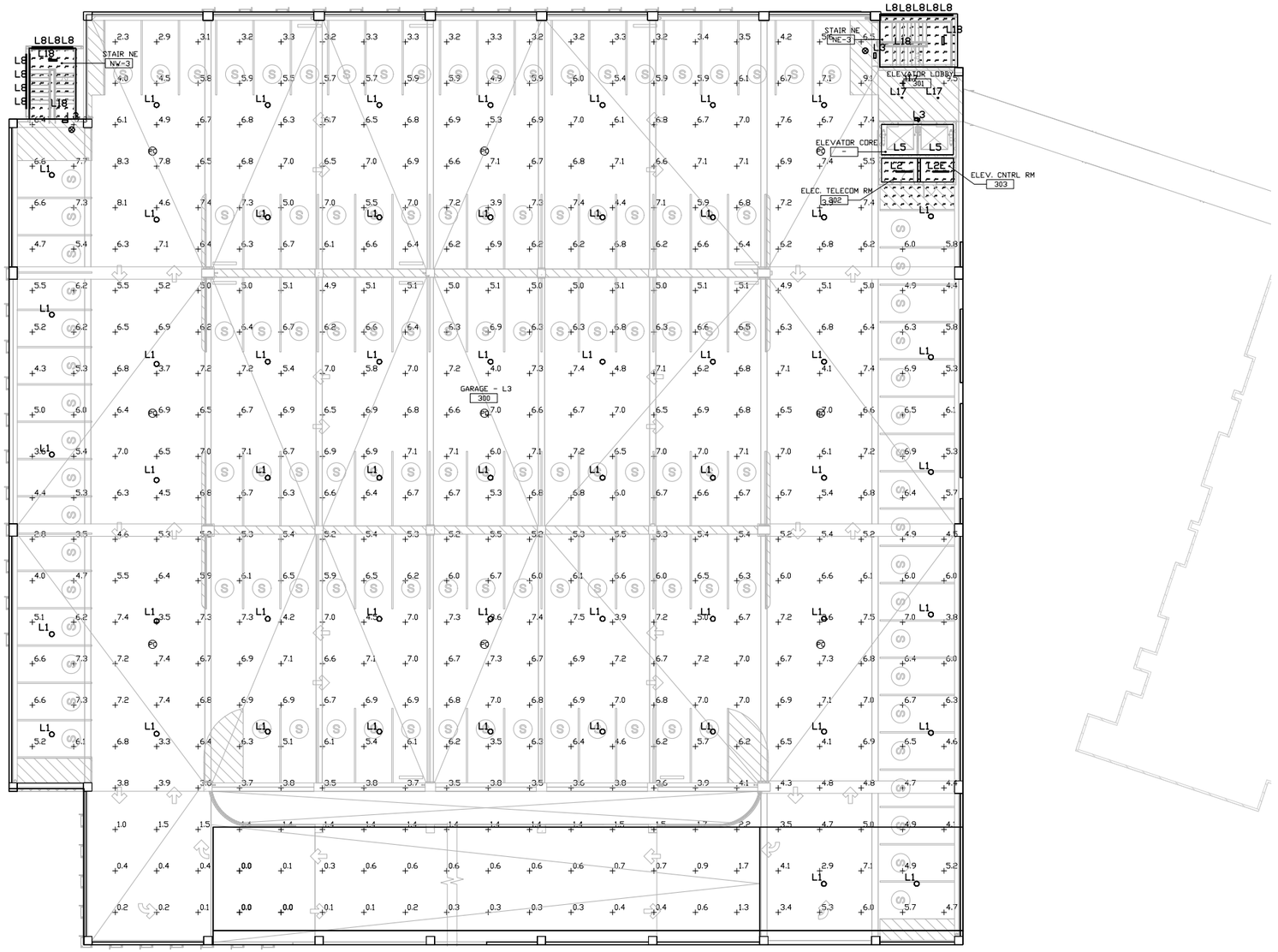
BUILDING MAP

DRAWING TITLE
ELECTRICAL LIGHTING PLAN - LEVEL 02 - PHOTOMETRICS

DRAWING NO.
E302P

Job # 008229

10/8/2024 8:10:25 AM



ELECTRICAL LIGHTING PLAN - LEVEL 03 - PHOTOMETRICS

SCALE: NTS

NORTH

TRUE NORTH

Copyright © Lamar Johnson Collaborative

10/8/2024 6:00:25 AM

CLAYCO
THE ART & SCIENCE OF BUILDING
4300 EAST CAMELBACK STE 300
PHOENIX, AZ 85018
Ph 602.333.0500

Lamar Johnson Collaborative
4300 EAST CAMELBACK STE 300
Phoenix, AZ 85018
Ph 602.833.6050

DHE
3300 N. Central Ave, STE 1520
Phoenix, AZ 85012
TL 602.606.7432
www.dheng.com
Job Number: 001584.00

PRELIMINARY
NOT FOR CONSTRUCTION

HONORHEALTH SHEA GARAGE

HonorHealth
9003 E. Shea Blvd. Scottsdale, AZ 85260
Construction Documents

DRAWING ISSUE

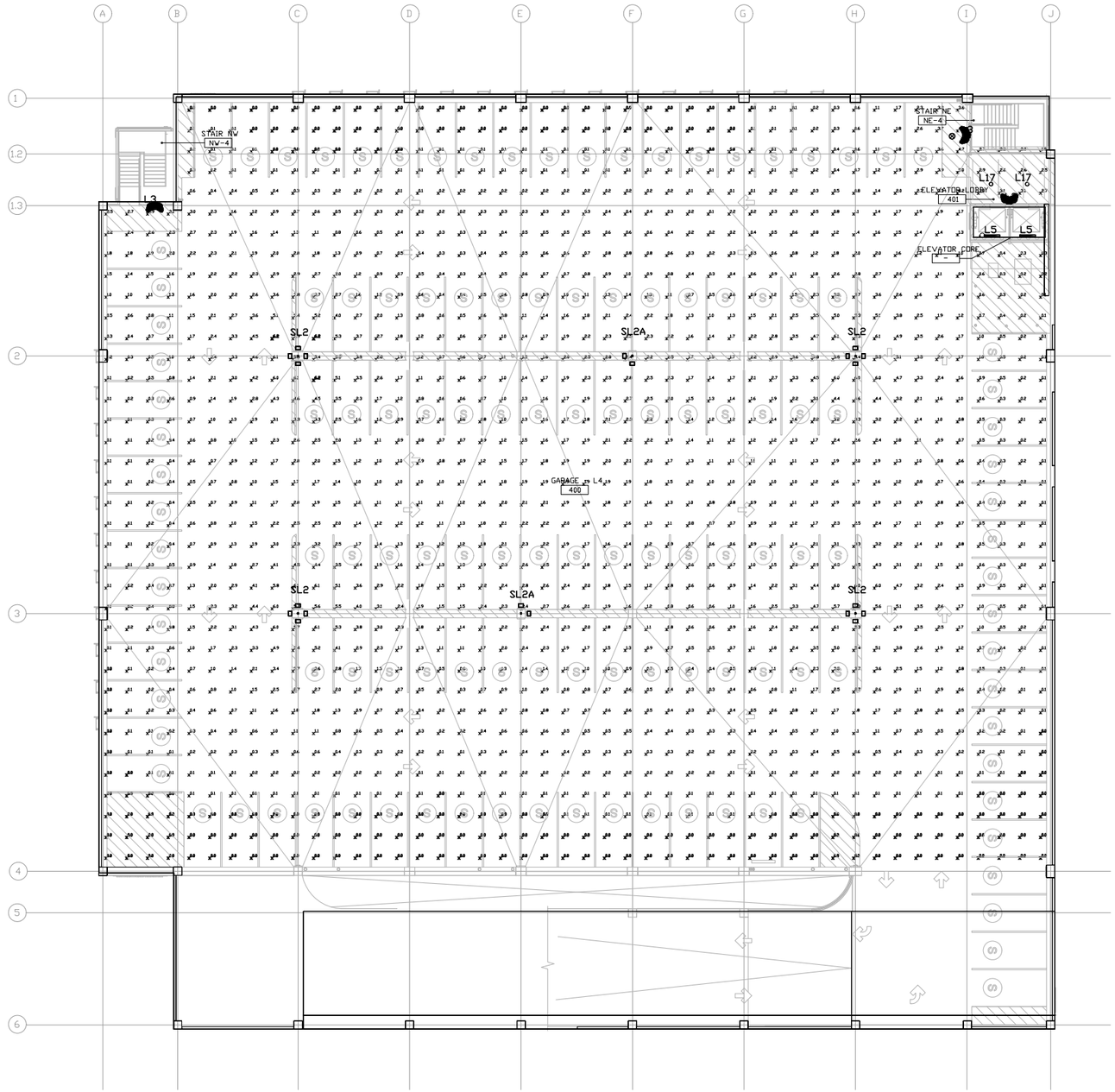
#	DESCRIPTION	DATE
	SCHEMATIC DESIGN	06/21/24
	DESIGN DEVELOPMENT	08/23/24

BUILDING MAP

DRAWING TITLE
ELECTRICAL LIGHTING PLAN - LEVEL 03 - PHOTOMETRICS

DRAWING NO.
E303P

Job # 008229



NORTH
TRUE NORTH

ELECTRICAL LIGHTING PLAN - LEVEL 04 - PHOTOMETRICS

SCALE: NTS

Copyright © Lamar Johnson Collaborative

10/8/2024 8:06:25 AM

CLAYCO
THE ART & SCIENCE OF BUILDING
4300 EAST CAMELBACK STE 300
PHOENIX, AZ 85018
Ph 602.833.8500

Lamar Johnson Collaborative
4300 EAST CAMELBACK STE 300
PHOENIX, AZ 85018
Ph 602.833.8050

DHE
3300 N. Central Ave, STE 1520
Phoenix, AZ 85012
TL 602.606.7432
www.dheng.com
Job Number: 001584.00

PRELIMINARY NOT FOR CONSTRUCTION

HONORHEALTH SHEA GARAGE

HonorHealth
9003 E. Shea Blvd. Scottsdale, AZ 85260
Construction Documents

DRAWING ISSUE

#	DESCRIPTION	DATE
	SCHEMATIC DESIGN	06/21/24
	DESIGN DEVELOPMENT	08/23/24

BUILDING MAP

DRAWING TITLE
ELECTRICAL LIGHTING PLAN - LEVEL 04 - PHOTOMETRICS

DRAWING NO.
E304P

Job # 008229

SL1, SL2, SL2A

D-Series Size 0
LED Area Luminaire

Catalog Number

Notes

Type

Hit the Tab key or mouse over the page to see all interactive elements.

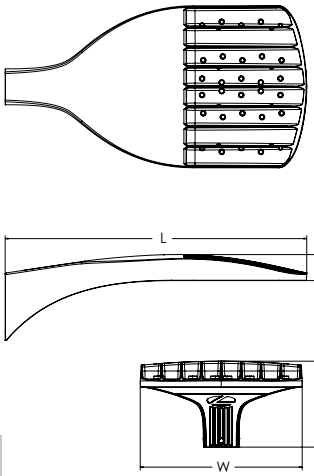
Introduction

The modern styling of the D-Series features a highly refined aesthetic that blends seamlessly with its environment. The D-Series offers the benefits of the latest in LED technology into a high performance, high efficacy, long-life luminaire.

The photometric performance results in sites with excellent uniformity, greater pole spacing and lower power density. D-Series outstanding photometry aids in reducing the number of poles required in area lighting applications, with typical energy savings of 70% and expected service life of over 100,000 hours.

Specifications

EPA:	0.44 ft² (0.04 m²)
Length:	26.18" (66.5 cm)
Width:	14.06" (35.7 cm)
Height H1:	2.26" (5.7 cm)
Height H2:	7.46" (18.9 cm)
Weight:	23 lbs (10.4 kg)



Design Select options indicated by this color background.

design select

Items marked by a shaded background qualify for the Design Select program and ship in 15 days or less. To learn more about Design Select, visit www.acuitybrands.com/designselect.
*See ordering tree for details

Ordering Information

EXAMPLE: DSX0 LED P6 40K 70CRI T3M MVOLT SPA NLTAIR2 PIRHN DDBXD

DSX0 LED

DSX0 LED P1 30K 70CRI T2M MVOLT DBLXD

SL2 - TWIN HEAD 18' POLE MOUNTED ON 2' BASE

Series	LEDs	Color temperature [2]	Color Rendering Index [2]	Distribution
DSX0 LED	**Forward optics** P1 P5 P2 P6 P3 P7 P4 **Rotated optics** P10 [1] P12 [1] P11 [1] P13 [1]	(this section 70CRI only) 30K 3000K 40K 4000K 50K 5000K (this section 80CRI only, extended lead times apply) 27K 2700K 30K 3000K 35K 3500K 40K 4000K 50K 5000K	 70CRI 70CRI 70CRI 80CRI 80CRI 80CRI 80CRI 80CRI	AFR Automotive front row T1S Type I short T2M Type II medium T3M Type III medium T3LG Type III low glare [3] T4M Type IV medium T4LG Type IV low glare [3] TFTM Forward throw medium

T5M	Type V medium
T5LG	Type V low glare
T5W	Type V wide
BLC3	Type III backlight control [3]
BLC4	Type IV backlight control [3]
LCCO	Left corner cutoff [3]
RCCO	Right corner cutoff [3]

MVOLT	(120V-277V) [4]
HVOLT	(347V-480V) [5,6]
XVOLT	(277V-480V) [7,8]
120	[16, 24]
208	[16, 24]
240	[16, 24]
277	[16, 24]
347	[16, 24]
480	[16, 24]

Shipped included

SPA	Square pole mounting (#8 drilling, 3.5" min. SQ pole)
RPA	Round pole mounting (#8 drilling, 3" min. RND pole)
SPA5	Square pole mounting (#5 drilling. 3" min. SQ pole) [9]
RPA5	Round pole mounting (#5 drilling, 3" min. RND pole) [9]
SPA8N	Square narrow pole mounting (#8 drilling, 3" min. SQ pole)
WBA	Wall bracket [10]
MA	Mast arm adapter (mounts on 2 3/8" OD horizontal tenon)

Control options

Shipped installed

NLTAIR2 PIRHN	nLight AIR gen 2 enabled with bi-level motion / ambient sensor, 8-40' mounting height, ambient sensor enabled at 2fc. [11, 12, 18, 19]
PIR	High/low, motion/ambient sensor, 8-40' mounting height, ambient sensor enabled at 2fc [13, 18, 19]
PER	NEMA twist-lock receptacle only (controls ordered separate) [14]
PER5	Five-pin receptacle only (controls ordered separate) [14, 19]
PER7	Seven-pin receptacle only (controls ordered separate) [14, 19]
FAO	Field adjustable output [15, 19]
BL30	Bi-level switched dimming, 30% [16, 19]
BL50	Bi-level switched dimming, 50% [16, 19]
DMG	0-10v dimming wires pulled outside fixture (for use with an external control, ordered separately) [17]

Other options

Shipped installed

HS	Houseside shield (black finish standard) [20]
L90	Left rotated optics [1]
R90	Right rotated optics [1]
CCE	Coastal Construction [21]
HA	50°C ambient operation [22]
BAA	Buy America(n) Act Compliant
SF	Single fuse (120, 277, 347V) [24]
DF	Double fuse (208, 240, 480V) [24]

Shipped separately

EGSR	External Glare Shield (reversible, field install required, matches housing finish)
BSDB	Bird Spikes (field install required)

Finish *(required)*

DDBXD	Dark Bronze
DBLXD	Black
DNAXD	Natural Aluminum
DWHXD	White
DDBTXD	Textured dark bronze
DBLBXD	Textured black
DNATXD	Textured natural aluminum
DWHGXD	Textured white

© 2011-2024 Acuity Brands Lighting, Inc. All rights reserved.

26-DR-2024
11/13/2024

ATTACHMENT 16

Ordering Information

Accessories

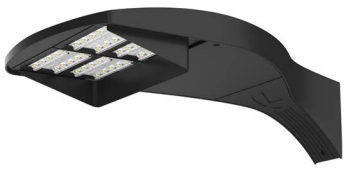
Ordered and shipped separately.

DLL127F 1.5 JU	Photocell - SSL twist-lock (120-277V) [23]
DLL347F 1.5 CUL JU	Photocell - SSL twist-lock (347V) [23]
DLL480F 1.5 CUL JU	Photocell - SSL twist-lock (480V) [23]
DSHORT SBK	Shorting cap [23]
DSX0HS P#	House-side shield (enter package number P1-7, P10-13 in place of #)
DSXRPA (FINISH)	Round pole adapter (#8 drilling, specify finish)
DSXRPA5 (FINISH)	Round pole adapter #5 drilling (specify finish)
DSXSPA5 (FINISH)	Square pole adapter #5 drilling (specify finish)
DSX0EGSR (FINISH)	External glare shield (specify finish)
DSX0BSDB (FINISH)	Bird spike deterrent bracket (specify finish)

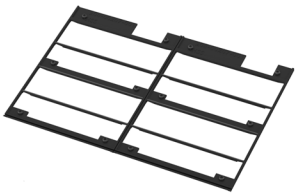
NOTES

1 Rotated optics available with packages P10, P11, P12 and P13. Must be combined with option L90 or R90.
2 30K, 40K, and 50K available in 70CRI and 80CRI. 27K and 35K only available with 80CRI. Contact Technical Support for other possible combinations.
3 T3LG, T4LG, BLC3, BLC4, LCCO, RCCO not available with option HS.
4 MVOLT driver operates on any line voltage from 120-277V (50/60 Hz).
5 HVOLT driver operates on any line voltage from 347-480V (50/60 Hz).
6 HVOLT not available with package P1, P2 and P10 when combined with option NLTAIR2 PIRHN or option PIR.
7 XVOLT operates with any voltage between 277V and 480V (50/60 Hz).
8 XVOLT not available in packages P1, P2 or P10. XVOLT not available with fusing (SF or DF).
9 SPA5 and RPA5 for use with #5 drilling only (Not for use with #8 drilling).
10 WBA cannot be combined with Type 5 distributions plus photocell (PER).
11 NLTAIR2 and PIRHN must be ordered together. For more information on nLight Air 2.
12 NLTAIR2 PIRHN not available with other controls including PIR, PER, PER5, PER7, FAO, BL30, BL50 and DMG. NLTAIR2 PIRHN not available with P1, P2 and P10 using HVOLT. NLTAIR2 PIRHN not available with P1, P2 and P10 using XVOLT. NLTAIR2 PIRHN not available with P1 using MVOLT.
13 PIR not available with NLTAIR2, PER, PER5, PER7, FAO BL30, BL50 and DMG. PIR not available with P1, P2 and P10 using HVOLT. PIR not available with P1, P2 and P10 using XVOLT. PIR not available with P1 using MVOLT.
14 PER/PER5/PER7 not available with NLTAIR2, PIR, BL30, BL50. Photocell ordered and shipped as a separate line item from Acuity Brands Controls. See accessories. Shorting Cap included.
15 FAO not available with other dimming control options NLTAIR2 PIRHN, PIR, PER5, PER7, BL30, BL50, or DMG.
16 BL30 and BL50 are not available with NLTAIR2 PIRHN, PIR, PER, PER5, PER7, FAO and DMG. BL30 or BL50 must specify 120, 277 or 347V. Consult tech support for 208, 240 or 480V.
17 DMG not available with NLTAIR2 PIRHN, PIR, PER, PER5, PER7, BL30, BL50 and FAO.
18 Reference Motion Sensor Default Settings table on page 4 to see functionality.
19 Reference Controls Options table on page 4.
20 Option HS not available with T3LG, T4LG, BLC3, BLC4, LCCO and RCCO distribution. Also available as a separate accessory; see Accessories information.
21 CCE option not available with option BS and EGSR. Contact Technical Support for availability.
22 Option HA not available with performance packages P6, P7, P12 and P13.
23 Requires luminaire to be specified with PER, PER5 or PER7 option. See Controls Table on page 4.
24 Single fuse (SF) requires 120V, 277V, or 347V. Double fuse (DF) requires 208V, 240V or 480V. XVOLT not available with fusing (SF or DF).

Shield Accessories



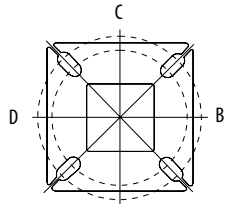
External Glare Shield (EGSR)



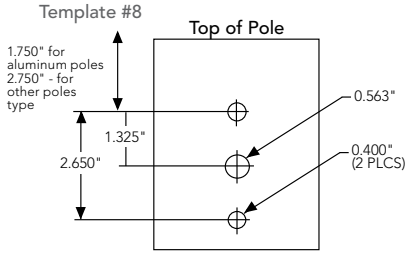
House Side Shield (HS)

Drilling

HANDHOLE ORIENTATION
(from top of pole)



Template #8



Tenon Mounting Slipfitter

Tenon O.D.	Mounting	Single Unit	2 @ 180	2 @ 90	3 @ 90	3 @120	4 @ 90
2-3/8"	RPA	AS3-5 190	AS3-5 280	AS3-5 290	AS3-5 390	AS3-5 320	AS3-5 490
2-7/8"	RPA	AST25-190	AST25-280	AST25-290	AST25-390	AST25-320	AST25-490
4"	RPA	AST35-190	AST35-280	AST35-290	AST35-390	AST35-320	AST35-490

Mounting Option	Drilling Template	Single	2 @ 180	2 @ 90	3 @ 90	3 @ 120	4 @ 90
Head Location		Side B	Side B & D	Side B & C	Side B, C & D	Round Pole Only	Side A, B, C & D
Drill Nomenclature	#8	DM19AS	DM28AS	DM29AS	DM39AS	DM32AS	DM49AS
		Minimum Acceptable Outside Pole Dimension					
SPA	#8	3.5"	3.5"	3.5"	3.5"		3.5"
RPA	#8	3"	3"	3"	3"	3"	3"
SPA5	#5	3"	3"	3"	3"		3"
RPA5	#5	3"	3"	3"	3"	3"	3"
SPA8N	#8	3"	3"	3"	3"		3"

DSX0 Area Luminaire - EPA

*Includes luminaire and integral mounting arm. Other tenons, arms, brackets or other accessories are not included in this EPA data.

Fixture Quantity & Mounting Configuration	Single DM19	2 @ 180 DM28	2 @ 90 DM29	3 @ 90 DM39	3 @ 120 DM32	4 @ 90 DM49
Mounting Type						
DSX0 with SPA	0.44	0.88	0.96	1.18	---	1.16
DSX0 with SPA5, SPA8N	0.51	1.02	1.06	1.26	---	1.29
DSX0 with RPA, RPA5	0.51	1.02	1.06	1.26	1.24	1.29
DSX0 with MA	0.64	1.28	1.24	1.67	1.70	1.93

© 2011-2024 Acuity Brands Lighting, Inc. All rights reserved.

Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's homepage.

Isofootcandle plots for the DSX0 LED P7 40K 70CRI. Distances are in units of mounting height (20').

© 2011-2024 Acuity Brands Lighting, Inc. All rights reserved.

Performance Data

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

Ambient		Lumen Multiplier
0°C	32°F	1.04
5°C	41°F	1.04
10°C	50°F	1.03
15°C	50°F	1.02
20°C	68°F	1.01
25°C	**77°C**	**1.00**
30°C	86°F	0.99
35°C	95°F	0.98
40°C	104°F	0.97

Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the platforms noted in a **25°C ambient**, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

Operating Hours	Lumen Maintenance Factor
0	1.00
25,000	0.94
50,000	0.89
100,000	0.80

FAO Dimming Settings

FAO Position	% Wattage	% Lumen Output
8	100%	100%
7	93%	95%
6	80%	85%
5	66%	73%
4	54%	61%
3	41%	49%
2	29%	36%
1	15%	20%

*Note: Calculated values are based on original performance package data. When calculating new values for given FAO position, use published values for each package based on input watts and lumens by optic type.

Electrical Load

	Performance Package	LED Count	Drive Current (mA)	Wattage	Current (A)					
					120V	208V	240V	277V	347V	480V
Forward Optics (Non-Rotated)	P1	20	530	34	0.28	0.16	0.14	0.12	0.10	0.07
	P2	20	700	45	0.38	0.22	0.19	0.16	0.13	0.09
	P3	20	1050	69	0.57	0.33	0.29	0.25	0.20	0.14
	P4	20	1400	94	0.78	0.45	0.39	0.34	0.27	0.19
	P5	40	700	89	0.75	0.43	0.38	0.33	0.26	0.19
	P6	40	1050	136	1.14	0.66	0.57	0.49	0.39	0.29
	P7	40	1300	170	1.42	0.82	0.71	0.62	0.49	0.36
Rotated Optics (Requires L90 or R90)	P10	30	530	51	0.42	0.24	0.21	0.18	0.15	0.11
	P11	30	700	67	0.57	0.33	0.28	0.25	0.20	0.14
	P12	30	1050	103	0.86	0.50	0.43	0.37	0.30	0.22
	P13	30	1300	129	1.07	0.62	0.54	0.46	0.37	0.27

LED Color Temperature / Color Rendering Multipliers

	70 CRI		80CRI		90CRI	
	Lumen Multiplier	Availability	Lumen Multiplier	Availability	Lumen Multiplier	Availability
5000K	102%	Standard	92%	Extended lead-time	71%	(see note)
4000K	100%	Standard	92%	Extended lead-time	67%	(see note)
3500K	100%	(see note)	90%	Extended lead-time	63%	(see note)
3000K	96%	Standard	87%	Extended lead-time	61%	(see note)
2700K	94%	(see note)	85%	Extended lead-time	57%	(see note)

Note: Some LED types are available as per special request. Contact Technical Support for more information.

Motion Sensor Default Settings

Option	Unoccupied Dimmed Level	High Level (when occupied)	Phototcell Operation	Dwell Time	Ramp-up Time	Dimming Fade Rate
PIR	30%	100%	Enabled @ 2FC	7.5 min	3 sec	5 min
NLTAIR2 PIRHN	30%	100%	Enabled @ 2FC	7.5 min	3 sec	5 min

Controls Options

Nomenclature	Description	Functionality	Primary control device	Notes
FAO	Field adjustable output device installed inside the luminaire; wired to the driver dimming leads.	Allows the luminaire to be manually dimmed, effectively trimming the light output.	FAO device	Cannot be used with other controls options that need the 0-10V leads
DS (not available on DSX0)	Drivers wired independently for 50/50 luminaire operation	The luminaire is wired to two separate circuits, allowing for 50/50 operation.	Independently wired drivers	Requires two separately switched circuits. Consider nLight AIR as a more cost effective alternative.
PER5 or PER7	Twist-lock photocell receptacle	Compatible with standard twist-lock photocells for dusk to dawn operation, or advanced control nodes that provide 0-10V dimming signals.	Twist-lock photocells such as DLL Elite or advanced control nodes such as ROAM.	Pins 4 & 5 to dimming leads on driver, Pins 6 & 7 are capped inside luminaire. Cannot be used with other controls options that need the 0-10V leads.
PIR	Motion sensor with integral photocell. Sensor suitable for 8' to 40' mounting height.	Luminaires dim when no occupancy is detected.	Acuity Controls rSBG	Cannot be used with other controls options that need the 0-10V leads.
NLTAIR2 PIRHN	nLight AIR enabled luminaire for motion sensing, photocell and wireless communication.	Motion and ambient light sensing with group response. Scheduled dimming with motion sensor over-ride when wirelessly connected to the nLight Eclypse.	nLight Air rSBG	nLight AIR sensors can be programmed and commissioned from the ground using the CIAIRity Pro app. Cannot be used with other controls options that need the 0-10V leads.
BL30 or BL50	Integrated bi-level device that allows a second control circuit to switch all light engines to either 30% or 50% light output	BLC device provides input to 0-10V dimming leads on all drivers providing either 100% or dimmed (30% or 50%) control by a secondary circuit	BLC UVOLT1	BLC device is powered off the 0-10V dimming leads, thus can be used with any input voltage from 120 to 480V

© 2011-2024 Acuity Brands Lighting, Inc. All rights reserved.

Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of configurations shown within the tolerances described within LM-79. Contact factory for performance data on any configurations not shown here.

Forward Optics

Performance Package	System Watts	LED Count	Drive Current (mA)	Distribution Type	30K (3000K, 70 CRI)					40K (4000K, 70 CRI)					50K (5000K, 70 CRI)				
					Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
P1	33W	20	530	T1S	4,906	1	0	1	148	5,113	1	0	1	154	5,213	1	0	1	157
				T2M	4,545	1	0	2	137	4,736	1	0	2	143	4,829	1	0	2	145
				T3M	4,597	1	0	2	138	4,791	1	0	2	144	4,885	1	0	2	147
				T3LG	4,107	1	0	1	124	4,280	1	0	1	129	4,363	1	0	1	131
				T4M	4,666	1	0	2	141	4,863	1	0	2	146	4,957	1	0	2	149
				T4LG	4,244	1	0	1	128	4,423	1	0	1	133	4,509	1	0	1	136
				TFTM	4,698	1	0	2	141	4,896	1	0	2	147	4,992	1	0	2	150
				T5M	4,801	3	0	1	145	5,003	3	0	1	151	5,101	3	0	1	154
				T5W	4,878	3	0	1	147	5,084	3	0	2	153	5,183	3	0	2	156
				T5LG	4,814	2	0	1	145	5,018	2	0	1	151	5,115	2	0	1	154
				BLC3	3,344	0	0	1	101	3,485	0	0	1	105	3,553	0	0	1	107
				BLC4	3,454	0	0	2	104	3,599	0	0	2	108	3,670	0	0	2	111
				RCCO	3,374	0	0	1	102	3,517	0	0	1	106	3,585	0	0	1	108
				LCCO	3,374	0	0	1	102	3,517	0	0	1	106	3,585	0	0	1	108
				AFR	4,906	1	0	1	148	5,113	1	0	1	154	5,213	1	0	1	157
P2	45W	20	700	T1S	6,328	1	0	1	140	6,595	1	0	1	146	6,724	1	0	1	149
				T2M	5,862	1	0	2	130	6,109	1	0	2	135	6,228	1	0	2	138
				T3M	5,930	1	0	3	131	6,180	1	0	3	137	6,301	1	0	3	140
				T3LG	5,297	1	0	1	117	5,521	1	0	1	122	5,628	1	0	1	125
				T4M	6,018	1	0	3	133	6,272	1	0	3	139	6,395	1	0	3	142
				T4LG	5,474	1	0	1	121	5,705	1	0	1	126	5,816	1	0	1	129
				TFTM	6,060	1	0	3	134	6,316	1	0	3	140	6,439	1	0	3	143
				T5M	6,192	3	0	1	137	6,453	3	0	2	143	6,579	3	0	2	146
				T5W	6,293	3	0	2	139	6,558	3	0	2	145	6,686	3	0	2	148
				T5LG	6,210	2	0	1	138	6,472	3	0	1	143	6,598	3	0	1	146
				BLC3	4,313	0	0	2	96	4,495	0	0	2	100	4,583	0	0	2	102
				BLC4	4,455	0	0	2	99	4,643	0	0	2	103	4,733	0	0	2	105
				RCCO	4,352	0	0	2	96	4,536	0	0	2	100	4,624	0	0	2	102
				LCCO	4,352	0	0	2	96	4,536	0	0	2	100	4,624	0	0	2	102
				AFR	6,328	1	0	1	140	6,595	1	0	1	146	6,724	1	0	1	149
P3	69W	20	1050	T1S	9,006	1	0	2	131	9,386	1	0	2	136	9,569	1	0	2	139
				T2M	8,343	2	0	3	121	8,694	2	0	3	126	8,864	2	0	3	129
				T3M	8,439	2	0	3	122	8,795	2	0	3	128	8,967	2	0	3	130
				T3LG	7,539	1	0	2	109	7,857	1	0	2	114	8,010	1	0	2	116
				T4M	8,565	2	0	3	124	8,926	2	0	3	129	9,100	2	0	3	132
				T4LG	7,790	1	0	2	113	8,119	1	0	2	118	8,277	1	0	2	120
				TFTM	8,624	1	0	3	125	8,988	1	0	3	130	9,163	2	0	3	133
				T5M	8,812	3	0	2	128	9,184	4	0	2	133	9,363	4	0	2	136
				T5W	8,955	4	0	2	130	9,333	4	0	2	135	9,515	4	0	2	138
				T5LG	8,838	3	0	1	128	9,211	3	0	1	134	9,390	3	0	1	136
				BLC3	6,139	0	0	2	89	6,398	0	0	2	93	6,522	0	0	2	95
				BLC4	6,340	0	0	3	92	6,607	0	0	3	96	6,736	0	0	3	98
				RCCO	6,194	1	0	2	90	6,455	1	0	2	94	6,581	1	0	2	95
				LCCO	6,194	1	0	2	90	6,455	1	0	2	94	6,581	1	0	2	95
				AFR	9,006	1	0	2	131	9,386	1	0	2	136	9,569	1	0	2	139
P4	93W	20	1400	T1S	11,396	1	0	2	122	11,877	1	0	2	128	12,109	2	0	2	130
				T2M	10,557	2	0	3	113	11,003	2	0	3	118	11,217	2	0	3	121
				T3M	10,680	2	0	3	115	11,130	2	0	3	120	11,347	2	0	3	122
				T3LG	9,540	1	0	2	103	9,942	1	0	2	107	10,136	1	0	2	109
				T4M	10,839	2	0	3	117	11,296	2	0	3	121	11,516	2	0	4	124
				T4LG	9,858	1	0	2	106	10,274	1	0	2	110	10,474	1	0	2	113
				TFTM	10,914	2	0	3	117	11,374	2	0	3	122	11,596	2	0	3	125
				T5M	11,152	4	0	2	120	11,622	4	0	2	125	11,849	4	0	2	127
				T5W	11,332	4	0	3	122	11,811	4	0	3	127	12,041	4	0	3	129
				T5LG	11,184	3	0	1	120	11,656	3	0	2	125	11,883	3	0	2	128
				BLC3	7,768	0	0	2	83	8,096	0	0	2	87	8,254	0	0	2	89
				BLC4	8,023	0	0	3	86	8,362	0	0	3	90	8,524	0	0	3	92
				RCCO	7,838	1	0	2	84	8,169	1	0	2	88	8,328	1	0	2	90
				LCCO	7,838	1	0	2	84	8,169	1	0	2	88	8,328	1	0	2	90
				AFR	11,396	1	0	2	122	11,877	1	0	2	128	12,109	2	0	2	130

© 2011-2024 Acuity Brands Lighting, Inc. All rights reserved.

Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of configurations shown within the tolerances described within LM-79. Contact factory for performance data on any configurations not shown here.

Forward Optics

Performance Package	System Watts	LED Count	Drive Current (mA)	Distribution Type	30K (3000K, 70 CRI)					40K (4000K, 70 CRI)					50K (5000K, 70 CRI)				
					Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
P5	90W	40	700	T1S	12,380	2	0	2	137	12,902	2	0	2	143	13,154	2	0	2	146
				T2M	11,468	2	0	3	127	11,952	2	0	3	133	12,185	2	0	3	135
				T3M	11,601	2	0	3	129	12,091	2	0	3	134	12,326	2	0	4	137
				T3LG	10,363	2	0	2	115	10,800	2	0	2	120	11,011	2	0	2	122
				T4M	11,774	2	0	4	131	12,271	2	0	4	136	12,510	2	0	4	139
				T4LG	10,709	1	0	2	119	11,160	2	0	2	124	11,378	2	0	2	126
				TFTM	11,856	2	0	3	132	12,356	2	0	4	137	12,596	2	0	4	140
				T5M	12,114	4	0	2	134	12,625	4	0	2	140	12,871	4	0	2	143
				T5W	12,310	4	0	3	137	12,830	4	0	3	142	13,080	4	0	3	145
				T5LG	12,149	3	0	2	135	12,662	3	0	2	141	12,908	3	0	2	143
				BLC3	8,438	0	0	2	94	8,794	0	0	2	98	8,966	0	0	2	99
				BLC4	8,715	0	0	3	97	9,083	0	0	3	101	9,260	0	0	3	103
				RCCO	8,515	1	0	2	94	8,874	1	0	2	98	9,047	1	0	2	100
				LCCO	8,515	1	0	2	94	8,874	1	0	2	98	9,047	1	0	2	100
				AFR	12,380	2	0	2	137	12,902	2	0	2	143	13,154	2	0	2	146
P6	137W	40	1050	T1S	17,545	2	0	3	128	18,285	2	0	3	133	18,642	2	0	3	136
				T2M	16,253	3	0	4	119	16,939	3	0	4	124	17,269	3	0	4	126
				T3M	16,442	2	0	4	120	17,135	3	0	4	125	17,469	3	0	4	128
				T3LG	14,687	2	0	2	107	15,306	2	0	2	112	15,605	2	0	2	114
				T4M	16,687	2	0	4	122	17,391	3	0	5	127	17,730	3	0	5	129
				T4LG	15,177	2	0	2	111	15,817	2	0	2	115	16,125	2	0	2	118
				TFTM	16,802	2	0	4	123	17,511	2	0	4	128	17,852	2	0	5	130
				T5M	17,168	4	0	2	125	17,893	5	0	3	131	18,241	5	0	3	133
				T5W	17,447	5	0	3	127	18,183	5	0	3	133	18,537	5	0	3	135
				T5LG	17,218	4	0	2	126	17,944	4	0	2	131	18,294	4	0	2	134
				BLC3	11,959	0	0	3	87	12,464	0	0	3	91	12,707	0	0	3	93
				BLC4	12,352	0	0	4	90	12,873	0	0	4	94	13,124	0	0	4	96
				RCCO	12,067	1	0	3	88	12,576	1	0	3	92	12,821	1	0	3	94
				LCCO	12,067	1	0	3	88	12,576	1	0	3	92	12,821	1	0	3	94
				AFR	17,545	2	0	3	128	18,285	2	0	3	133	18,642	2	0	3	136
P7	171W	40	1300	T1S	20,806	2	0	3	122	21,683	2	0	3	127	22,106	2	0	3	129
				T2M	19,273	3	0	4	113	20,086	3	0	4	118	20,478	3	0	4	120
				T3M	19,497	3	0	5	114	20,319	3	0	5	119	20,715	3	0	5	121
				T3LG	17,416	2	0	2	102	18,151	2	0	2	106	18,504	2	0	2	108
				T4M	19,787	3	0	5	116	20,622	3	0	5	121	21,024	3	0	5	123
				T4LG	17,997	2	0	2	105	18,756	2	0	2	110	19,121	2	0	2	112
				TFTM	19,924	3	0	5	117	20,765	3	0	5	122	21,170	3	0	5	124
				T5M	20,359	5	0	3	119	21,217	5	0	3	124	21,631	5	0	3	127
				T5W	20,689	5	0	3	121	21,561	5	0	3	126	21,982	5	0	3	129
				T5LG	20,418	4	0	2	120	21,279	4	0	2	125	21,694	4	0	2	127
				BLC3	14,182	0	0	3	83	14,780	0	0	3	87	15,068	0	0	3	88
				BLC4	14,647	0	0	4	86	15,265	0	0	4	89	15,562	0	0	4	91
				RCCO	14,309	1	0	3	84	14,913	1	0	3	87	15,204	1	0	3	89
				LCCO	14,309	1	0	3	84	14,913	1	0	3	87	15,204	1	0	3	89
				AFR	20,806	2	0	3	122	21,683	2	0	3	127	22,106	2	0	3	129

© 2011-2024 Acuity Brands Lighting, Inc. All rights reserved.

Performance Data

Lumen Output

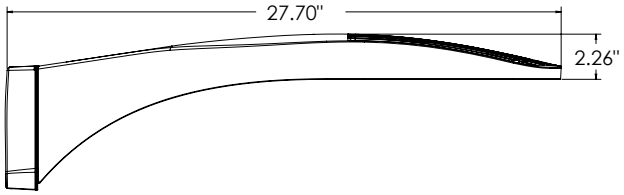
Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of configurations shown within the tolerances described within LM-79. Contact factory for performance data on any configurations not shown here.

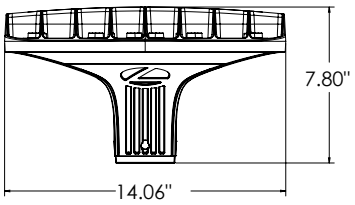
Rotated Optics

Performance Package	System Watts	LED Count	Drive Current (mA)	Distribution Type	30K (3000K, 70 CRI)					40K (4000K, 70 CRI)					50K (5000K, 70 CRI)				
					Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
P10	51W	30	530	T1S	7,399	3	0	3	145	7,711	3	0	3	151	7,862	3	0	3	154
				T2M	6,854	3	0	3	135	7,144	3	0	3	140	7,283	3	0	3	143
				T3M	6,933	3	0	3	136	7,225	3	0	3	142	7,366	3	0	3	145
				T3LG	6,194	2	0	2	122	6,455	2	0	2	127	6,581	2	0	2	129
				T4M	7,036	3	0	3	138	7,333	3	0	3	144	7,476	3	0	3	147
				T4LG	6,399	2	0	2	126	6,669	2	0	2	131	6,799	2	0	2	134
				TFTM	7,086	3	0	3	139	7,385	3	0	3	145	7,529	3	0	3	148
				T5M	7,239	3	0	2	142	7,545	3	0	2	148	7,692	3	0	2	151
				T5W	7,357	3	0	2	145	7,667	3	0	2	151	7,816	4	0	2	154
				T5LG	7,260	3	0	1	143	7,567	3	0	1	149	7,714	3	0	1	152
				BLC3	5,043	3	0	3	99	5,256	3	0	3	103	5,358	3	0	3	105
				BLC4	5,208	3	0	3	102	5,428	3	0	3	107	5,534	3	0	3	109
				RCCO	5,089	0	0	2	100	5,303	0	0	2	104	5,407	0	0	2	106
				LCCO	5,089	0	0	2	100	5,303	0	0	2	104	5,407	0	0	2	106
				AFR	7,399	3	0	3	145	7,711	3	0	3	151	7,862	3	0	3	154
P11	68W	30	700	T1S	9,358	3	0	3	138	9,753	3	0	3	143	9,943	3	0	3	146
				T2M	8,669	3	0	3	127	9,034	3	0	3	133	9,211	3	0	3	135
				T3M	8,768	3	0	3	129	9,138	3	0	3	134	9,316	3	0	3	137
				T3LG	7,833	3	0	3	115	8,164	3	0	3	120	8,323	3	0	3	122
				T4M	8,899	3	0	3	131	9,274	3	0	3	136	9,455	3	0	3	139
				T4LG	8,093	3	0	3	119	8,435	3	0	3	124	8,599	3	0	3	126
				TFTM	8,962	3	0	3	132	9,340	3	0	3	137	9,522	3	0	3	140
				T5M	9,156	4	0	2	135	9,542	4	0	2	140	9,728	4	0	2	143
				T5W	9,304	4	0	2	137	9,696	4	0	2	143	9,885	4	0	2	145
				T5LG	9,182	3	0	1	135	9,569	3	0	1	141	9,756	3	0	1	143
				BLC3	6,378	3	0	3	94	6,647	3	0	3	98	6,777	3	0	3	100
				BLC4	6,587	3	0	3	97	6,865	3	0	3	101	6,999	3	0	3	103
				RCCO	6,436	0	0	2	95	6,707	0	0	2	99	6,838	0	0	2	101
				LCCO	6,436	0	0	2	95	6,707	0	0	2	99	6,838	0	0	2	101
				AFR	9,358	3	0	3	138	9,753	3	0	3	143	9,943	3	0	3	146
P12	103W	30	1050	T1S	13,247	3	0	3	128	13,806	3	0	3	134	14,075	3	0	3	136
				T2M	12,271	4	0	4	119	12,789	4	0	4	124	13,038	4	0	4	126
				T3M	12,412	4	0	4	120	12,935	4	0	4	125	13,187	4	0	4	128
				T3LG	11,089	3	0	3	107	11,556	3	0	3	112	11,782	3	0	3	114
				T4M	12,597	4	0	4	122	13,128	4	0	4	127	13,384	4	0	4	129
				T4LG	11,457	3	0	3	111	11,940	3	0	3	116	12,173	3	0	3	118
				TFTM	12,686	4	0	4	123	13,221	4	0	4	128	13,479	4	0	4	130
				T5M	12,960	4	0	2	125	13,507	4	0	2	131	13,770	4	0	2	133
				T5W	13,170	4	0	3	127	13,726	4	0	3	133	13,994	4	0	3	135
				T5LG	12,998	3	0	2	126	13,546	3	0	2	131	13,810	3	0	2	134
				BLC3	9,029	3	0	3	87	9,409	3	0	3	91	9,593	3	0	3	93
				BLC4	9,324	4	0	4	90	9,718	4	0	4	94	9,907	4	0	4	96
				RCCO	9,110	1	0	2	88	9,495	1	0	2	92	9,680	1	0	2	94
				LCCO	9,110	1	0	2	88	9,494	1	0	2	92	9,680	1	0	2	94
				AFR	13,247	3	0	3	128	13,806	3	0	3	134	14,075	3	0	3	136
P13	129W	30	1300	T1S	15,704	3	0	3	122	16,366	3	0	3	127	16,685	4	0	4	130
				T2M	14,547	4	0	4	113	15,161	4	0	4	118	15,457	4	0	4	120
				T3M	14,714	4	0	4	114	15,335	4	0	4	119	15,634	4	0	4	121
				T3LG	13,145	3	0	3	102	13,700	3	0	3	106	13,967	3	0	3	108
				T4M	14,933	4	0	4	116	15,563	4	0	4	121	15,867	4	0	4	123
				T4LG	13,582	3	0	3	105	14,155	3	0	3	110	14,431	3	0	3	112
				TFTM	15,039	4	0	4	117	15,673	4	0	4	122	15,979	4	0	4	124
				T5M	15,364	4	0	2	119	16,013	4	0	2	124	16,325	4	0	2	127
				T5W	15,613	5	0	3	121	16,272	5	0	3	126	16,589	5	0	3	129
				T5LG	15,409	3	0	2	120	16,059	3	0	2	125	16,372	4	0	2	127
				BLC3	10,703	4	0	4	83	11,155	4	0	4	87	11,372	4	0	4	88
				BLC4	11,054	4	0	4	86	11,520	4	0	4	89	11,745	4	0	4	91
				RCCO	10,800	1	0	2	84	11,256	1	0	2	87	11,475	1	0	3	89
				LCCO	10,800	1	0	2	84	11,255	1	0	2	87	11,475	1	0	3	89
				AFR	15,704	3	0	3	122	16,366	3	0	3	127	16,685	4	0	4	130

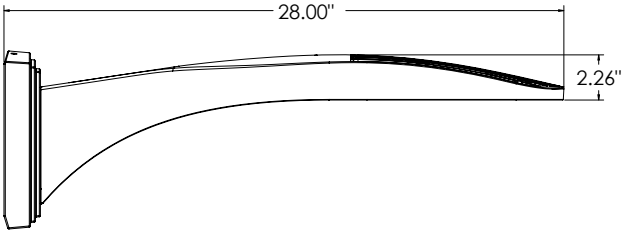
© 2011-2024 Acuity Brands Lighting, Inc. All rights reserved.

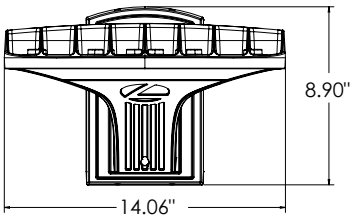
Dimensions



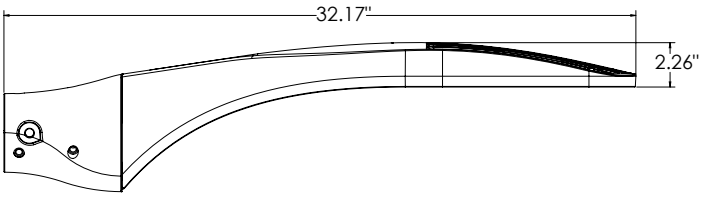


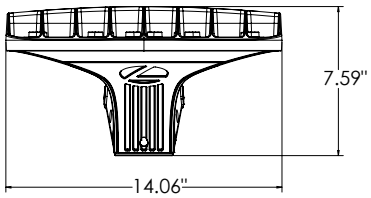
DSX0 with RPA, RPA5, SPA5, SPA8N mount
Weight: 25 lbs





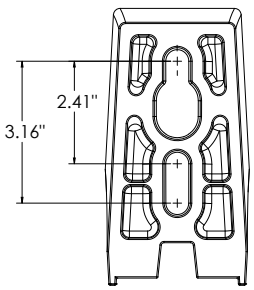
DSX0 with WBA mount
Weight: 27 lb



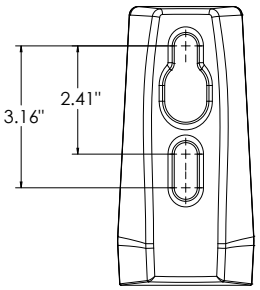


DSX0 with MA mount
Weight: 28 lbs

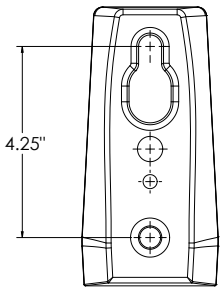
SPA (STANDARD ARM)



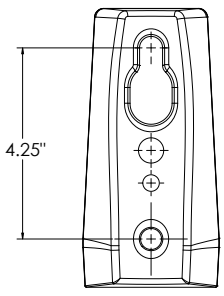
RPA



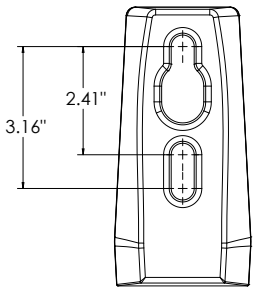
SPA5



RPA5



SPA8N

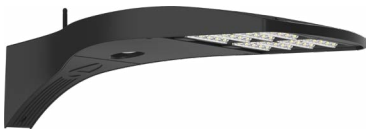


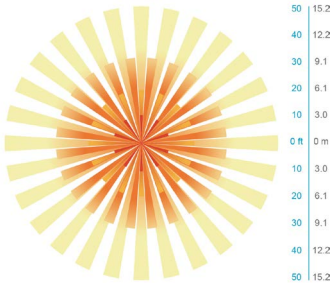
© 2011-2024 Acuity Brands Lighting, Inc. All rights reserved.

nLight Control - Sensor Coverage and Settings

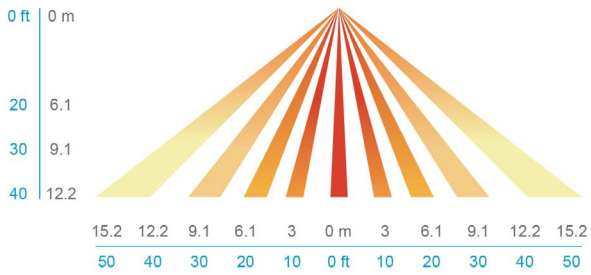
nLight Sensor Coverage Pattern

NLTAIR2 PIRHN





Top



Side

FEATURES & SPECIFICATIONS

INTENDED USE

The sleek design of the D-Series Size 0 reflects the embedded high performance LED technology. It is ideal for many commercial and municipal applications, such as parking lots, plazas, campuses, and pedestrian areas.

CONSTRUCTION

Single-piece die-cast aluminum housing has integral heat sink fins to optimize thermal management through conductive and convective cooling. Modular design allows for ease of maintenance and future light engine upgrades. The LED driver is mounted in direct contact with the casting to promote low operating temperature and long life. Housing driver compartment is completely sealed against moisture and environmental contaminants (IP66). Vibration rated per ANSI C136.31 for 3G. Low EPA (0.44 ft²) for optimized pole wind loading.

FINISH

Exterior parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures a minimum 3 mils thickness for a finish that can withstand extreme climate changes without cracking or peeling. Available in both textured and non-textured finishes.

COASTAL CONSTRUCTION (CCE)

Optional corrosion resistant construction is engineered with added corrosion protection in materials and/or pre-treatment of base material under super durable paint. Provides additional corrosion protection for applications near coastal areas. Finish is salt spray tested to over 5,000 hours per ASTM B117 with scribe rating of 10. Additional lead-times may apply.

OPTICS

Precision-molded proprietary silicone lenses are engineered for superior area lighting distribution, uniformity, and pole spacing. Light engines are available in 3000 K, 4000 K or 5000 K (70 CRI) configurations. 80CRI configurations are also available. The D-Series Size 0 has zero uplight and qualifies as a Nighttime Friendly™ product, meaning it is consistent with the LEED® and Green Globes™ criteria for eliminating wasteful uplight.

ELECTRICAL

Light engine(s) configurations consist of high-efficacy LEDs mounted to metal-core circuit boards to maximize heat dissipation and promote long life (up to L80/100,000 hours at 25°C). Class 1 electronic drivers are designed to have a power factor >90%, THD <20%, and an expected life of 100,000 hours with <1% failure rate. Easily serviceable 10kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).

STANDARD CONTROLS

The DSX0 LED area luminaire has a number of control options. DSX Size 0, comes standard with 0-10V dimming driver. Dusk to dawn controls can be utilized via optional NEMA twist-lock photocell receptacles. PIR integrated motion sensor with on-board photocell feature field-adjustable programing and are suitable for mounting heights up to 40 feet. Control option BL features a bi-level device that allows a second control circuit to switch all light engines to either 30% or 50% light output.

nLIGHT AIR CONTROLS

The DSX0 LED area luminaire is also available with nLight® AIR for the ultimate in wireless control. This powerful controls platform provides out-of-the-box basic motion sensing and photocontrol functionality and is suitable for mounting heights up to 40 feet. Once commissioned using a smartphone and the easy-to-use CLAIRITY app, nLight AIR equipped luminaries can be grouped, resulting in motion sensor and photocell group response without the need for additional equipment. Scheduled dimming with motion sensor over-ride can be achieved when used with the nLight Eclypse. Additional information about nLight Air can be found here.

INSTALLATION

Integral mounting arm allows for fast mounting using Lithonia standard #8 drilling and accommodates pole drilling's from 2.41 to 3.12" on center. The standard "SPA" option for square poles and the "RPA" option for round poles use the #8 drilling. For #5 pole drillings, use SPA5 or RPA5. Additional mountings are available including a wall bracket (WBA) and mast arm (MA) option that allows luminaire attachment to a 2 3/8" horizontal mast arm.

LISTINGS

UL listed to meet U.S. and Canadian standards. UL Listed for wet locations. Light engines are IP66 rated; luminaire is IP66 rated. Rated for -40°C minimum ambient.

DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

International Dark-Sky Association (IDA) Fixture Seal of Approval (FSA) is available for all products on this page utilizing 3000K color temperature only.

GOVERNMENT PROCUREMENT

BAA – Buy America(n) Act: Product with the BAA option qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product with the BAA option also qualifies as manufactured in the United States under DOT Buy America regulations.
BABA – Build America Buy America: Product with the BAA option also qualifies as produced in the United States under the definitions of the Build America, Buy America Act.
Please refer to www.acuitybrands.com/buy-american for additional information.

WARRANTY

5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

© 2011-2024 Acuity Brands Lighting, Inc. All rights reserved.

L1

BEACON
design . performance . technology

SRT2 EDGE-LIT

CEILING/SURFACE/GARAGE

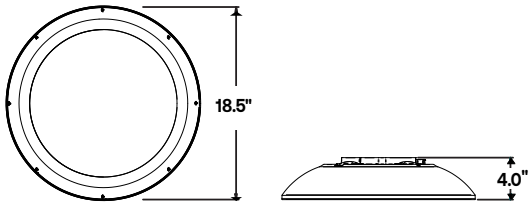
DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

DRIVE EDGE-LIT

FEATURES

- Edge-lit optical assembly delivers exceptional uniformity over the entire lens with indirect illumination that reduces glare and improves visual comfort
- Low profile housing intended for 8' - 20' mounting heights for surface, trunnion/yoke or pendant mounting
- Applications include parking garage, walkway or building canopies, corridors, tunnels, large stairwells and other interior applications
- Multiple optical distributions are available making the Beacon Edge-Lit luminaire both versatile and functional
- UL/cUL listed for wet locations, IP65

C US DLC LISTED **IP65**



CONTROL TECHNOLOGY

NX CONNECT NX WIRED NX WIRELESS LIGHTGRID+

SPECIFICATIONS

HOUSING

- Die-cast aluminum housing ensures long electrical component life and luminaire performance
- Corrosion resistant powder coat finish both protects and provides architectural appearance
- One piece molded silicone gasket ensures weather proof seal
- Thermally isolated driver mounted to dedicated bracket reduces operating temperatures and increases driver life and reliability
- Torx head screws standard for tamper resistant housing

OPTICS

- Edge-lit acrylic light guide provides blended non-pixelated light for unprecedented visual comfort
- Choice of multiple light outputs with lumen range of 4,000–16,000
- Five distribution types: Type V Square, Type V Rectangular, Type V Concentrated, Type V Wide or Asymmetric (Type 3/4)
- Wide variety of CCT's and CRI's offered: 3000K (70CRI), 3000K (80CRI), 3500K (80CRI), 4000K (70CRI), 4000K (80CRI) or 5000K (70 CRI) CCT

ELECTRICAL

- 120V–277V 50/60Hz with 347V and 480V available
- 0-10V dimming drivers are RoHS compliant and IP66
- Surge protection – Standard 6kA with optional 20kA end of life LED indicator

ELECTRICAL (CONTINUED)

- Dimming Drivers are standard and dimming leads are extended out of the luminaire unless control options require connection to the dimming leads. Must specify if wiring leads are to be greater than the 24" standard

INSTALLATION

- Standard quick mount plate over standard 4" square junction box or octagonal box and allows for simplified fixture installation.
- Standard luminaire accepts a rigid or free-swinging 3/4" NPT stem for pendant mount via wet location j-box (by others)
- Optional bird deterrent shroud available for field installation
- Optional trunnion/yoke mount available for field installation

OPTIONS/CONTROLS

- Standalone occupancy sensor available for on/off or dimming operation
- NX Lighting Controls available with in fixture Zigbee wireless control module, features dimming and occupancy sensor
- LightGRID+ available with in fixture wireless control module, features dimming and occupancy sensor
- UL924 device available for standalone and wireless control override during power interruptions
- Uplight option provides approximately 800 lumens and consumes only 8 additional watts

	Weight
SRT2	15 lbs / 6.8 kg

OPTIONS/CONTROLS (CONTINUED)

- Integral battery backup option available with and without heater. Rated for 0°C (without heater) and -30°C (with heater) and uses 13 Watts of power
- Emergency lighting relay available for generator or central inverter supplied lighting
- Vandal resistant wire guard available as an option for factory installation or as an accessory for field installation

OPTIONS/CONTROLS (CONTINUED)

Please consult brand or sales representative when combining control and electrical options as some combinations may not operate as anticipated depending on your application

CERTIFICATIONS

- Listed to UL1598 for use in wet location, listed for -40°C to 40°C applications
- Meets IDA recommendations using 3000K and warmer configurations at 0 degrees tilt
- IP65
- DLC® (DesignLights Consortium Qualified). Not all product variations on this page are DLC Qualified. Refer to www.designlights.org for the most up-to-date list.
- Emergency battery backup options are California Energy Commission (CEC) Title 20 Compliant

WARRANTY

- 5 year warranty

© 2023 HLI Solutions, Inc. All rights reserved. Information and specifications subject to change without notice. All values are design or typical values when measured under laboratory conditions.

L1

BEACON
design . performance . technology

SRT2 EDGE-LIT

CEILING/SURFACE/GARAGE

DATE: | LOCATION:

TYPE: | PROJECT:

CATALOG #:

ORDERING GUIDE

Example: SRT2-30-3K7-5QW-UNV-BLT-WG

CATALOG # SRT2 50W 35K8 5QW UNV BLT WG

Series		Engine		CCT		Distribution		Voltage		Color/Finish		Options	
SRT2	Edge-Lit Parking Garage Size 2	**30**	30W Nominal 3800 lm	**3K7**	3000K, 70 CRI	**5QW**	Type Square Wide [10]	**UNV**	120V-277V	**BLT**	Black Matte Textured	**WG**	Wire Guard
		50	50W Nominal 5700 lm	**3K8**	3000K, 80 CRI	**5RW**	Type 5 Rect. Wide [10]	**120**	120V	**BLS**	Black Gloss Smooth	**UD**	Uplight Module [7]
		65	65W Nominal 7000 lm	**35K8**	3500K, 80 CRI	**5C**	Type 5 Concentrated	**208**	208V	**DBT**	Dark Bronze Matte Textured	**F**	Single Fuse (120, 277, 347V)
		85	85W Nominal 9500 lm	**4K7**	4000K, 70 CRI	**5W**	Type 5 Wide [4]	**240**	240V	**DBS**	Dark Bronze Gloss Smooth	**F**	Double Fuse (208, 240, 480V)
		100	100W Nominal 11000 lm	**4K8**	4000K, 80 CRI	**ASY**	Asymmetric (Type 4) [10]	**277**	277V	**GTT**	Graphite Matte Textured	**E**	EM Battery Pack (0°C) [2]
		120	120W Nominal 13000 lm	**5K7**	5000K, 70 CRI			**347**	347V	**LGS**	Light Grey Gloss Smooth	**EH**	EM Battery w/Heater (-30°C) [2]
		140	140W Nominal 14700 lm					**480**	480V	**PSS**	Platinum Silver Smooth	**DTS**	Dimming Transfer Switch [1]
										WHT	White Matte Textured	**LD3**	36" Lead Length [5]
										WHS	White Gloss Smooth	**LD6**	72" Lead Length [5]
										VGT	Verde Green Textured	**LD9**	108" Lead Length [5]
										Color Option		**SP20K**	20kA Surge Protection with End of Life Indicator [3]
										CC	Custom Color	**LMB**	Less Mounting Bracket

Control Options

NX Networked – Wireless

NXW [3,10]	NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor
NXWS12F	NX Networked Wireless Enabled Integral NXSMP2-OMNI PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming [3]

LightGRID+ – Wireless

WIR	Wireless Controls, LightGRID+
WIRSC	LightGRID+ and occupancy sensor

Sensor Controls

SCP-8F	Remote control programmable line voltage sensor (8-12' recommended MH) [2,3]
SCP-20F	Remote control programmable line voltage sensor (12-20' recommended MH) [2]
BTSO12F	Bluetooth Programmable, BTSMP-OMNI-O PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens [11]

Accessories (Order Separately)

☐	**SRT2-WG**	Wire Guard for SRT2 version
☐	**SRT-MB**	Mounting bracket for pre-installation
☐	**SRT2-BS-XXX**	Bird deterrent shroud for SRT2 version, not available with uplight or trunnion mount
☐	**SRT2-TM**	Trunnion/Yoke accessory for SRT2 version
☐	**CLEDSJK**	Whiteway stem and junction box

Notes:

1. For applications that must comply with UL924. Can not be combined with E or EH options
2. Available for 120 to 277 volts only, not 347 or 480
3. Not available with uplight (UD)
4. 100, 120 and 140W light engines only
5. Not available with E, EH or DTS options, standard wire length 24"
6. 65W and 85W only
7. Uplight Module (UD)will not be controlled by sensors
8. Consult Brand for 480 Volt
9. Not available in 30W and 50W
10. Up to 85W configurations only.
11. Available for 65W and higher

© 2023 HLI Solutions, Inc. All rights reserved. Information and specifications subject to change without notice. All values are design or typical values when measured under laboratory conditions.

L1

BEACON
design . performance . technology

DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

SRT2 EDGE-LIT

CEILING/SURFACE/GARAGE

CONTROLS FUNCTIONALITY

OUTDOOR LIGHTING CONTROLS OPTIONS

LIGHTGRID+

NX LIGHTING CONTROLS MOBILE APP

	Control Option Ordering Logic & Description		Control Option Functionality									Control Option Components	
			Networkable	Grouping	Scheduling	Occupancy/ Motion	Daylight Harvesting	0-10V Dimming	On/Off Control	Bluetooth App Programming	Sensor Height		
NX Wireless	NXW	NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor	✓	✓	✓	–	–	✓	✓	✓	–		NXRM2-H
	NXWS12F	NX Networked Wireless Enabled Integral NXSMP2-OMNI-O PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming	✓	✓	✓	✓	✓	✓	✓	✓	12ft		NXSMP2-OMNI-O
LightGRID+	WIR	LightGRID+ In-Fixture Module	✓	–	✓	–	–	✓	✓	Gateway	–		WIR
	WIRSC	LightGRID+ Module and Occupancy Sensor	✓	✓	✓	✓	✓	✓	✓	Gateway	12ft		BTMSP
Independent	BTSO-12F	Bluetooth® Programmable, BTSMP-OMNI-O PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens	–	–	–	✓	✓	✓	✓	✓	12ft		BTSMP-OMNI-O

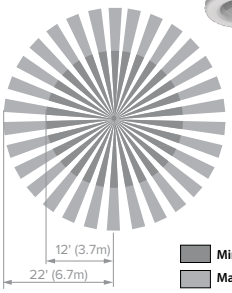
DEFAULT SETTINGS

Occupancy Sensor	Enabled
Occupancy Sensor Sensitivity	7
Occupancy Sensor Timeout	15 Minutes
Occupied Dim Level	100%
Unoccupied Dim Level	0%
Daylight Sensor	Disabled
Bluetooth	Enabled
2.4GHz Wireless Mesh	On
"Passcode Factory Passcode: HubbN3T!"	Enabled

Occupancy Sensor	Enabled
Occupancy Sensor Sensitivity	7
Occupancy Sensor Timeout	8 Minutes
Occupied Dim Level	100%
Unoccupied Dim Level	50%
Daylight Sensor	Disabled

NX WIRELESS COVERAGE PATTERNS

NXSMP2-OMNI



NX LIGHTING CONTROLS FREE APP

CONTROLS TECH SUPPORT 800-888-8006 (7:00 AM - 7:00 PM)

The NX Lighting Controls App is free to use mobile application for programming both NX Lighting Controls System or Standalone Bluetooth Sensors. The mobile app allows you to configure devices, discover and setup wireless enable luminiares and program NX system settings.

Apple App: https://apps.apple.com/us/app/nx-lighting-controls/id962112904

Google Play: https://play.google.com/store/apps/details?id=io.cordova.NXBTR&hl=en_US&gl=US

Apple App

Google Play

© 2023 HLI Solutions, Inc. All rights reserved. Information and specifications subject to change without notice. All values are design or typical values when measured under laboratory conditions.

L1

BEACON
design . performance . technology

SRT2 EDGE-LIT

CEILING/SURFACE/GARAGE

DATE: LOCATION:

TYPE: PROJECT:

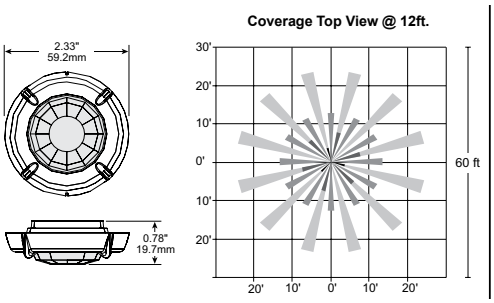
CATALOG #:

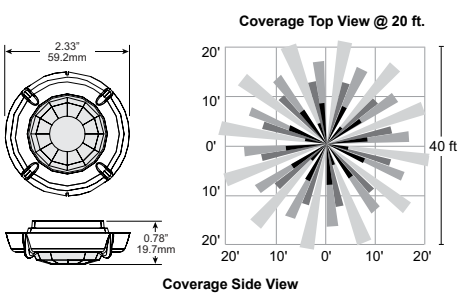
CONTROLS FUNCTIONALITY (CONT'D)

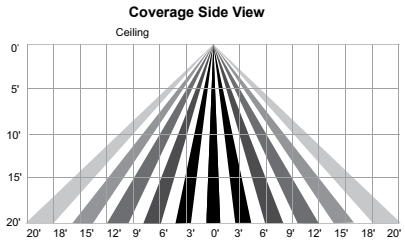
OUTDOOR LIGHTING CONTROLS OPTIONS

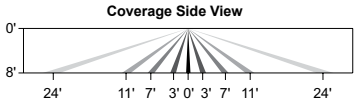
	Control Option Ordering Logic & Description		Control Option Functionality									Control Option Components
			Networkable	Grouping	Scheduling	Occupancy/ Motion	Daylight Harvesting	0-10V Dimming	On/Off Control	Bluetooth App Programming	Sensor Height	
Independent	SCP_F	Sensor Control Programmable, sensor range, reference product specification for height selections	-	-	-	✓	✓	✓	✓	-	8ft or 20ft	SCP_F

COVERAGE PATTERNS FOR SCP_F









© 2023 HLI Solutions, Inc. All rights reserved. Information and specifications subject to change without notice. All values are design or typical values when measured under laboratory conditions.

L1

BEACON
design . performance . technology

SRT2 EDGE-LIT

CEILING/SURFACE/GARAGE

DATE: | LOCATION:

TYPE: | PROJECT:

CATALOG #:

PERFORMANCE DATA

# of LEDs	Engine	DRIVE CURRENT (mA)	SYSTEM WATTS	DISTRIBUTION TYPE	5K (5000K nominal, 70 CRI)					4K (4000K nominal, 70 CRI)					3K (3000K nominal, 70 CRI)				
					LUMENS	LPW*	B	U	G	LUMENS	LPW*	B	U	G	LUMENS	LPW*	B	U	G
280	30	35mA	31.0	5C	3789	122.23	2	0	2	3771	121.65	2	0	2	3626	116.97	2	0	2
				5QW	3686	118.89	2	0	1	3668	118.33	2	0	1	3527	113.77	2	0	1
				ASY	2991	96.48	1	0	2	2976	96.02	1	0	2	2862	92.32	1	0	2
				5RW	3604	116.26	2	0	2	3587	115.71	2	0	2	3449	111.26	2	0	2
	50	55mA	48.1	5C	5684	118.17	2	0	2	5657	117.60	2	0	2	5439	113.08	2	0	2
				5QW	5529	114.94	2	0	1	5502	114.39	2	0	1	5291	109.99	2	0	1
				ASY	4486	93.27	1	0	2	4465	92.82	1	0	2	4293	89.25	1	0	2
				5RW	5406	112.40	2	0	2	5380	111.86	2	0	2	5174	107.56	2	0	2
	65	75mA	65.1	5C	7105	109.14	2	0	2	7071	108.61	2	0	2	6799	104.44	2	0	2
				5QW	6911	106.16	2	0	1	6878	105.65	2	0	1	6613	101.58	2	0	1
				ASY	5608	86.14	1	0	2	5581	85.73	1	0	2	5366	82.43	1	0	2
				5RW	6758	103.81	2	0	2	6726	103.31	2	0	2	6467	99.34	2	0	2
	85	100mA	87.2	5C	9473	108.63	2	0	2	9428	108.11	2	0	2	9065	103.96	2	0	2
				5QW	9214	105.67	2	0	1	9170	105.16	2	0	1	8818	101.12	2	0	1
				ASY	7477	85.75	1	0	2	7441	85.33	1	0	2	7155	82.05	1	0	2
				5RW	9011	103.33	2	0	2	8967	102.84	2	0	2	8623	98.88	2	0	2
560	100	55mA	93.2	5C	11090	118.99	4	0	3	11037	118.42	4	0	3	10612	113.86	4	0	3
				5W	10788	115.75	4	0	3	10736	115.19	4	0	3	10323	110.76	4	0	3
	120	65mA	110.9	5C	13012	117.33	4	0	3	12950	116.77	4	0	3	12451	112.28	4	0	3
				5W	12657	114.13	4	0	3	12597	113.59	4	0	3	12112	109.22	4	0	3
	140	75mA	128.5	5C	14786	115.07	4	0	3	14715	114.52	4	0	3	14149	110.11	4	0	3
				5W	14383	111.93	4	0	3	14315	111.40	4	0	3	13764	107.11	4	0	3

Notes:

* Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown. Actual performance may differ as a result of end-user environment, application and inherent performance tolerances of the electrical components.

ELECTRICAL DATA

# OF LEDS	INPUT VOLTAGE (V)	CURRENT (Amps)	SYSTEM POWER (w)
30	120	0.26	31
	208	0.15	
	240	0.13	
	277	0.11	
	347	0.09	
	480	0.06	
50	120	0.40	48.1
	208	0.23	
	240	0.20	
	277	0.17	
	347	0.14	
	480	0.10	
65	120	0.40	65.1
	208	0.23	
	240	0.20	
	277	0.17	
	347	0.14	
	480	0.10	
85	120	0.73	87.2
	208	0.42	
	240	0.36	
	277	0.31	
	347	0.25	
	480	0.18	
100	120	0.78	93.2
	208	0.45	
	240	0.39	
	277	0.34	
	347	0.27	
	480	0.19	
120	120	0.92	110.9
	208	0.53	
	240	0.46	
	277	0.40	
	347	0.32	
	480	0.23	
140	120	1.07	128.5
	208	0.62	
	240	0.54	
	277	0.46	
	347	0.37	
	480	0.27	

PROJECTED LUMEN MAINTENANCE

AMBIENT TEMP.	0	25,000	TM-21-11 36,000	50,000	100,000	Reported L70 (HOURS)	Calculated L70 (HOURS)
25°C / 77°C	1.00	0.97	0.95	0.94	0.89	>60,000	>266,000
40°C / 104°C	0.99	0.96	0.94	0.93	0.85	>60,000	>211,000

LUMINAIRE AMBIENT TEMPERATURE FACTOR (LATF)

AMBIENT TEMPERATURE		LUMEN MULTIPLIER
0°C	32°F	1.03
10°C	50°F	1.01
20°C	68°F	1.00
25°C	77°F	1.00
30°C	86°F	0.99
40°C	104°F	0.98

Use these factors to determine relative lumen output for average ambient temperatures from 0–25°C (32-122°F)

SRT LUMEN MULTIPLIER CHART

SRT Lumen Multiplier		
CCT	70 CRI	80 CRI
3000K	0.957	0.85
3500K	X	0.91
4000K	0.995	0.95
5000K	1	0.95

© 2023 HLI Solutions, Inc. All rights reserved. Information and specifications subject to change without notice. All values are design or typical values when measured under laboratory conditions.

L1

BEACON
design . performance . technology

SRT2 EDGE-LIT

CEILING/SURFACE/GARAGE

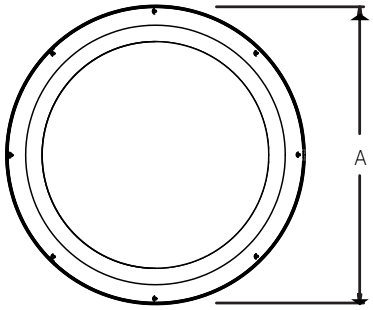
DATE: LOCATION:

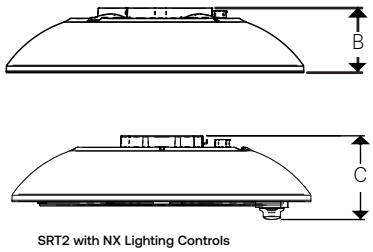
TYPE: PROJECT:

CATALOG #:

DIMENSIONS

SRT2



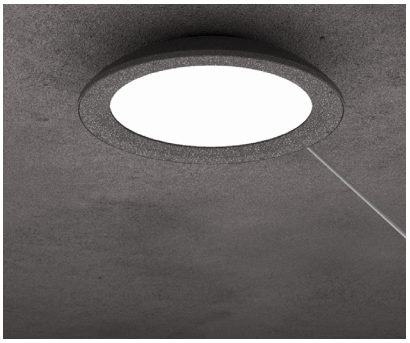


SRT2 with NX Lighting Controls

A	B	C	Weight
18.5" (469mm)	4.0" (1mm)	5.2" (132mm)	15bs (6.8kg)

ADDITIONAL INFORMATION

MOUNTING

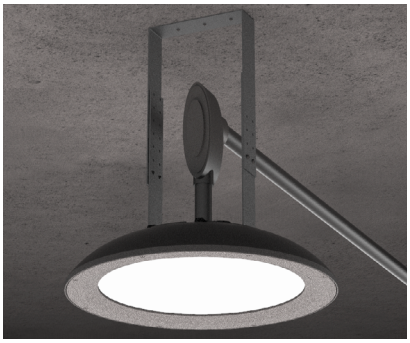


Surface Mount

Mounting plate with “quick mount” hanger for one person simple installation.
(conduit not included)

Pendant Mount

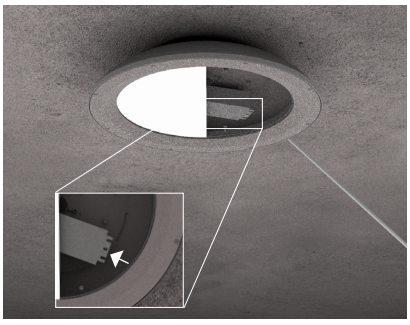
Standard 3/4" threaded entry for pendant applications. (Conduit and pendant not included).
Pendant available as an accessory.



Trunnion/Yoke Mount

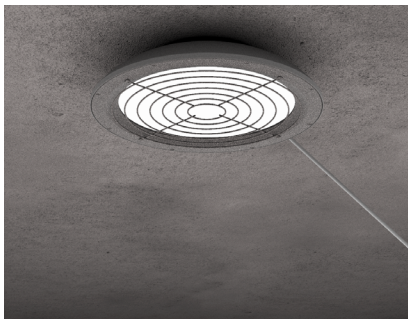
Multiple position trunnion mount adjusts 9" up and down for positioning in 1" increments.
(conduit not included)

ACCESSORIES AND SERVICES



Battery Backup

Integral battery backup option available on SRT2 version.
(conduit not included)



Wire Guard

An optional wire guard can be specified at the factory or as an accessory for field installation.
(conduit not included)

Bird Deterrent

An optional bird shroud deterrent can be specified at the factory or as an accessory for field installation.
(conduit not included)

© 2023 HLI Solutions, Inc. All rights reserved. Information and specifications subject to change without notice. All values are design or typical values when measured under laboratory conditions.

L1

BEACON
design . performance . technology

SRT2 EDGE-LIT

CEILING/SURFACE/GARAGE

DATE: LOCATION:

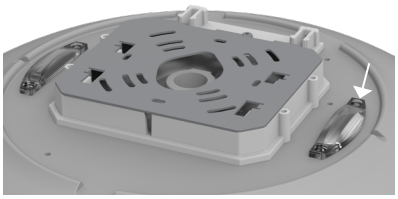
TYPE: PROJECT:

CATALOG #:

ADDITIONAL INFORMATION CONTINUED

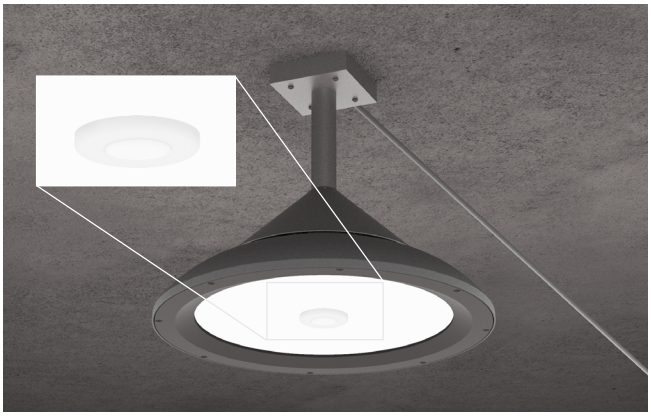
UPLIGHT

Optional uplight module provides 800 lumens of indirect illumination for improved visual quality while eliminating cave effect.



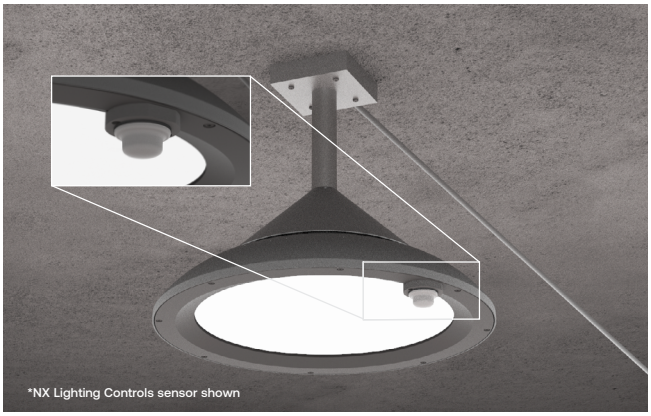
CLEDSJK - Whiteway 6 inch stem and junction box

CONTROLS



Standalone Controls

Optional passive infrared sensors are available for basic occupancy and daylight sensing. Programmable via remote or Bluetooth® phone app. (conduit not included)

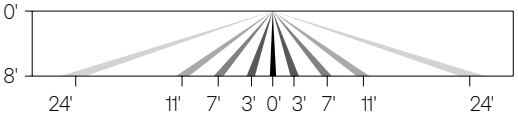


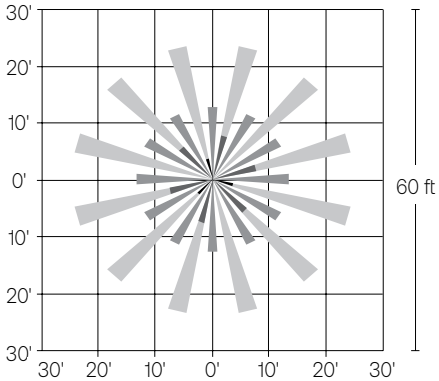
Wireless Controls

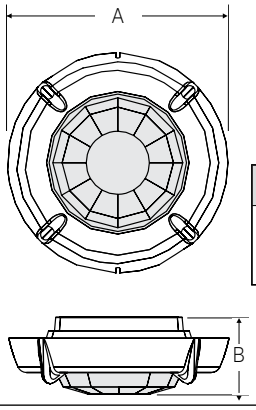
NX LIGHTING CONTROLS™ LIGHTGRID

Optional NX Lighting Controls and LightGRID+ wireless controls are available for SRT2 versions (with or without occupancy sensing). (conduit not included)

SCP-8F







A	B
2.3" (59mm)	.8" (20mm)

© 2023 HLI Solutions, Inc. All rights reserved. Information and specifications subject to change without notice. All values are design or typical values when measured under laboratory conditions.

L1

BEACON
design . performance . technology

SRT2 EDGE-LIT

CEILING/SURFACE/GARAGE

DATE: LOCATION:

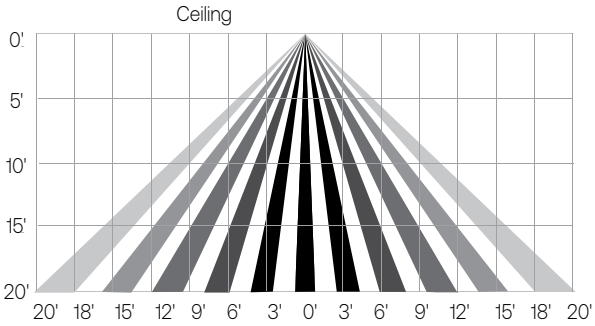
TYPE: PROJECT:

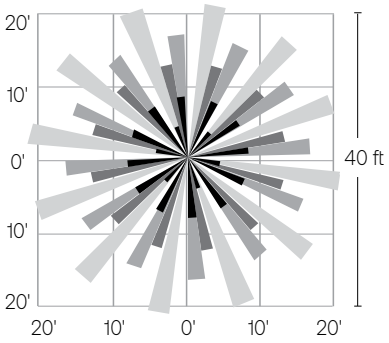
CATALOG #:

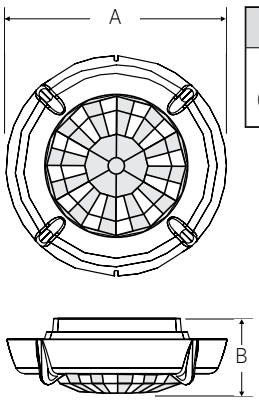
ADDITIONAL INFORMATION CONTINUED

CONTROLS (CONT'D)

SCP-20F

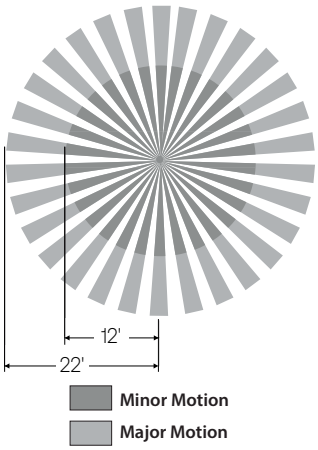


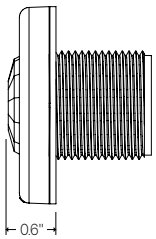


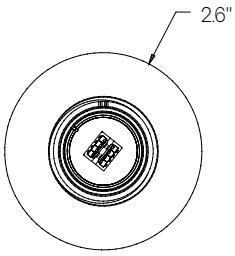


A	B
2.3" (59mm)	.8" (20mm)

NXWS12F AND BTSO12F







NXSMP2-OMNI Range

© 2023 HLI Solutions, Inc. All rights reserved. Information and specifications subject to change without notice. All values are design or typical values when measured under laboratory conditions.

L2

LITHONIA LIGHTING®

Catalog Number
Notes
Type

FEATURES & SPECIFICATIONS

INTENDED USE — Built on the compact, low-profile Z strip channel, this LED strip offers long maintenance-free life, several color temperatures, lumen outputs and lengths. Ideal for new construction and retrofit applications in T8 lengths. Ideal for use in commercial, retail, manufacturing, warehouse, and display applications. **Certain airborne contaminants can diminish the integrity of acrylic and/or polycarbonate.** Click here for Acrylic-Polycarbonate Compatibility table for suitable uses.

CONSTRUCTION — Compact-design channel and cover are formed from code-gauge cold-rolled steel. Easy to install six-point row aligner included for continuous row mounting.

Finish: Paint options include high-gloss, baked white enamel (WH), or matte black (MB). After fabrication, five-stage iron phosphate pre-treatment ensures superior paint adhesion and rust resistance.

OPTICS — Standard diffuse snap on/snap off lens eliminates pixels, improves uniformity and minimizes glare.

ELECTRICAL — Utilizes high-output LEDs integrated on a two-layer circuit board, ensuring cool-running operation. Optional internal pluggable wiring harness for reduced labor cost in row mounting applications (see PLR_ ordering information on page 5). Electronic LED driver is rated for 75 input watts maximum (see Operational Data on page 4 for actual wattage consumption), **multi-volt input and 0-10V dimming standard**. This fixture is designed to withstand a maximum line surge of 2.5kV at 0.75kA combination wave for indoor locations, for applications requiring higher level of protection additional surge protection must be provided.

LEDs provide 80CRI or 90 CRI at 3000 K, 3500 K,4000 K or 5000 K.

Lumen output up to 1,500 lumens per foot. Luminaire should be installed in applications where ambient temperatures do not exceed 86°F (30°C).

INSTALLATION — Fixture may be surface mounted (with or without ZSPRG hanger), pendant or stem mounted with appropriate mounting options. Six-point aligner locks in place for easy continuous row mounting.

LISTINGS — CSA certified to US and Canadian safety standards. For use in damp locations between -40°F (-40°C) and 86°F (30°C).

DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

BUY AMERICAN ACT — Product with the BAA option is assembled in the USA and meets the Buy America(n) government procurement requirements under FAR, DFARS and DOT regulations. Please refer to www.acuitybrands.com/buy-american for additional information.

WARRANTY — 5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application.

All values are design or typical values, measured under laboratory conditions at 25 °C.

Specifications subject to change without notice.

Z SERIES

LED Striplight

ZL1D

24", 48" and 96" Lengths

A+ Capable Luminaire

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and out-of-the-box control compatibility with simple commissioning.

- All configurations of this luminaire meet the Acuity Brands' specification for chromatic consistency
- This luminaire is part of an A+ Certified solution for nLight® or control networks marked by a shaded background*

To learn more about A+, visit www.acuitybrands.com/aplus.

*See ordering tree for details

ZL1D LED Striplight

A+ Capable options indicated by this color background.

L2 - ZL1D L48 5000 FST MVOLT 35K 90CRI WH

L2E - ZL1D L48 5000 FST MVOLT 35K 90CRI E7W WH

ORDERING INFORMATION

Lead times will vary depending on options selected. Consult with your sales representative.

Example: ZL1D L48 3000LM FST MVOLT 40K 80CRI WH

Series	Length	Reflectors‡	Nominal lumens‡	Diffuser	Voltage	Color temperature	Color rendering index
ZL1D LED striplight	L24 24" ‡	(blank) Less reflector	1500LM 1,500 lumens	FST Drop lens	MVOLT 120-277V	27K 2700 K	80CRI 80 CRI
		SMR Symmetric	2500LM 2,500 lumens		120 120V	30K 3000 K	90CRI 90 CRI
			3500LM 3,500 lumens		208 208V	35K 3500 K	
	L48 48"	(blank) Less reflector	3000LM 3,000 lumens		240 240V	40K 4000 K	
		ASR Asymmetric	5000LM 5,000 lumens		277 277V	50K 5000 K	
		SMR Symmetric	7000LM 7,000 lumens		347 347V ‡		
TZL1D LED striplight‡	L96 96"	(blank) Less reflector	6000LM 6,000 lumens		480 480V ‡		
		SMR Symmetric	10000LM 10,000 lumens				
			14000LM 14,000 lumens				

Options

PLR__	Plug-in wiring‡
PLR1LVG	Plug-in wiring-low voltage‡
E7W	Emergency battery pack, 7W CA Title 20 Noncompliant‡
2E7W	Two Emergency battery packs, 7W CA Title 20 Noncompliant‡
E10WLCP	Emergency battery pack, 10W Linear Constant Power, Certified in CA Title 20 MAEDBS‡
2E10WLCP	Two Emergency battery packs, 10W Linear Constant Power, Certified in CA Title 20 MAEDBS‡
E15WLCP	Emergency battery pack, 15W Linear Constant Power, Certified in CA Title 20 MAEDBS‡
OUTEND	Cord set to exit endplate of fixture
BAA	Buy America(n) Act Compliant

nLight® Wireless

NLTAIR2 RLSXR10	nLight® Air Generation 2 enabled, 360° low mount sensor, (7 to 15' heights) (LINK)
NLTAIR2 RLSXR10EM	nLight® Air Generation 2 enabled, 360° low mount sensor, (7 to 15' heights),UL 924 Emergency Operation, via power interrupt detection (not available with battery pack) (LINK) ‡

Individual Controls ‡

LBOZU	360° low mount LSXR PIR sensor, (7-15' mounting heights), ON/OFF occupancy, pre-wired (LINK) ‡
LBH0SZU	360° low mount LSXR PIR sensor, (7-15' mounting heights), high/low occupancy dimming, pre-wired (LINK) ‡
LBPZU	360° low mount LSXR PIR sensor, (7-15' mounting heights), ON/OFF photocell, pre-wired (LINK) ‡
LBM0SZU	360° low mount LSXR PIR sensor, (7-15' mounting heights), dimming and switching photocell, pre-wired (LINK) ‡

Cord sets: ‡

CS1W	Cord with NEMA 5-15P, 120V straight blade plug, 18 gauge, 3 conductors, white, 6ft
CS3W	Cord with NEMA L5-15P, 120V twist lock plug, 18 gauge, 3 conductors, white, 6ft
CS7W	Cord with NEMA 7-15P, 277V straight blade plug, 18 gauge, 3 conductors, white, 6ft
CS11W	Cord with NEMA L7-15P, 277V twist lock plug, 18 gauge, 3 conductors, white, 6ft
CS25W	Cord with NEMA L24-20P, 347V twist lock plug, 18 gauge, 3 conductors, white, 6ft
CS97W	Cord with NEMA L8-20P, 480V twist lock plug, 18 gauge, 3 conductors, white, 6ft
CS93W	Cord only (no plug), 18 gauge, 3 conductors, white, 6ft

Paint finish

WH	White
MB	Matte black
GALVB	Galvanized fixture with black plastic lens endcaps
GALVW	Galvanized fixture with white plastic lens endcaps

Accessories: *Order as separate catalog number.*

HC36 M12	Hanger chain, 36" (1 pair)
ZACVH M100	Adjustable 10' aircraft cable with Y hanger (1 pair)
ZLANGBKT	Luma-tilt™ angle bracket for shelf or ledge mounting only
SQ_	Swivel stem hanger (specify length in 2" increments up to 48")
NPP16D	nLight® wired power/relay pack, 0-10VDC dimming output (LINK)
RPP20D	nLight® air Generation 2 enabled, power/relay pack, 0-10V dimming output (LINK)
LSXR	Sensor Switch® LSXR occupancy sensor (LINK)
ZSPRG J2	Tong and T-grid hanger, for 15/16" T-grid (Order quantity required in multiples of 2)
WGZ24	24" wireguard, white ‡
WGZ48	48" wireguard, white ‡

ZLR L24 SYM UPL WH	24" symmetric reflector with uplight, white finish
ZLR L24 SYM WH	24" symmetric reflector, white finish
ZLR L46 SYM UPL WH	46" symmetric reflector with uplight, white finish
ZLR L46 SYM WH	46" symmetric reflector, white finish
ZLR L48 ASY WH	48" asymmetric reflector, white finish
ZLR L48 SYM UPL WH	48" symmetric reflector with uplight, white finish
ZLR L48 SYM WH	48" symmetric reflector, white finish
ZLR L92 SYM UPL WH	92" symmetric reflector with uplight, white finish
ZLR L92 SYM WH	92" symmetric reflector, white finish
ZLR L96 SYM UPL WH	96" symmetric reflector with uplight, white finish
ZLR L96 SYM WH	96" symmetric reflector, white finish
UNIVERSAL REFL ALIGNER	Universal reflector aligners, quantity 1

COMMERCIAL INDOOR: One Lithonia Way, Conyers, GA 30012 Phone: 800-705-SERV (7378) www.lithonia.com techsupport-commercialindoor@acuitybrands.com

© 2013-2023 Acuity Brands Lighting, Inc. All rights reserved.

‡ Option Value Ordering Restrictions	
Option value	**Restriction**
2E7W	Utilizes (2) Power Sentry PS750L emergency drivers. MVOLT required. Available with L96 only. Not available with L24, L48, L96 6000LM or any cordset that includes a plug.
2E10WLCP	Utilizes (2) Power Sentry PS1055LCP emergency drivers. MVOLT required. Available with L96 10,000LM or 14000LM only. Not available with L24, L48, L96 6000LM or any cordset that includes a plug.
347, 480	Utilizes step down transformer.
Cordsets	Must specify voltage when plug is included. CS93W available with MVOLT. Cordsets exit back of fixture unless OUTEND option is specified.
E7W	Utilizes Power Sentry PS750L emergency driver. MVOLT required. Not available with L24 or any cordset that includes a plug.
E10WLCP	Utilizes Power Sentry PS1055LCP emergency driver. MVOLT required. Available with L48 or L96 only. Not available with L24 or any cordset that includes a plug.
E15WLCP	Utilizes Power Sentry PS1555LCP emergency driver. MVOLT required. Available with L96 only. Not available with L24, L48 or any cordset that includes a plug.
Individual Controls	Available with MVOLT, 347 or 480 only. See ordering information on page 6 for more configurations. This sensor configuration is suitable for minimum ambient temperature of 14°F (-10°C). See page 6 for low temperature option providing -4°F (-20°C) minimum ambient. When choosing Sensor and PLR for same fixture, consult the factory. Sensors come prewired, they must be snapped into place at time of installation.
L24	Not available with 347V, 480V or Batteries
nLight® Wireless	See (LINK) in sensor description to RLSXR specification sheet for more configurations. When choosing a sensor and PLR for same fixture, consult the factory. Sensors come prewired, they must be snapped into place at time of installation.
NLTAIR2 RLSXR10EM	MVOLT only.
Nominal Lumens	See Operational Data on page 4 for actual lumens.
PLR _ _	Not available with cordset options. See ordering information on page 5. When choosing a sensor and PLR for the same fixture, consult the factory.
PLR1LVG	Not available with cordset options.
Reflectors	Optional. Reflectors ship separately.
TZL1D	Tandem fixture comes as two L48 fixtures
WGZ24	Not available with ASR or SMR reflector options.
WGZ48	Not available with ASR or SMR reflector options. Order a Qty of 2 for L96 tandem fixtures.

COMMERCIAL INDOOR: One Lithonia Way, Conyers, GA 30012 Phone: 800-705-SERV (7378) www.lithonia.com techsupport-commercialindoor@acuitybrands.com
© 2013-2023 Acuity Brands Lighting, Inc. All rights reserved.

ZL1D LED Striplight

OPERATIONAL DATA												
	Nominal lumen package	Length (inches)	Delivered Lumens 3000K CCT @ 77°F (25°C) ambient temperature		Delivered Lumens 3500K CCT @ 77°F (25°C) ambient temperature		Delivered Lumens 4000K CCT @ 77°F (25°C) ambient temperature		Delivered Lumens 5000K CCT @ 77°F (25°C) ambient temperature		Wattage @ 120V/277V	Comparable Light Source
			80 CRI	90 CRI	80 CRI	90 CRI	80 CRI	90 CRI	80 CRI	90 CRI		
Lensed	1500LM	24	1985	1619	2030	1675	2061	1707	2137	1745	17	1-lamp 17W T8
	2500LM	24	2682	2187	2742	2264	2785	2307	2887	2358	22	1-lamp 17W T8
	3500LM	24	4099	3341	4190	3459	4255	3524	4412	3603	36	1-lamp 32W T8, 1-lamp 54W T5HO, 50W HID
	3000LM	48	3880	3163	3966	3274	4028	3336	4176	3410	30	1-lamp 32W T8, 1-lamp 54W T5HO, 50W HID
	5000LM	48	5337	4351	5456	4504	5541	4589	5745	4691	41	2-lamp 32W T8, 1-lamp 54W T5HO, 70W HID
	7000LM	48	7317	5965	7480	6175	7596	6291	7876	6431	59	3-lamp 32W T8, 2-lamp 54W T5HO, 100W HID
	6000LM	96	8077	6585	8257	6816	8386	6945	8694	7099	60	3-lamp 32W T8, 2-lamp 54W T5HO, 100W HID
	10000LM	96	11021	8985	11267	9301	11442	9477	11864	9687	81	4-lamp 32W T8, 2-lamp 54W T5HO, 100W HID
	14000LM	96	15397	12553	15741	12995	15986	13240	16574	13534	121	4-lamp 32W T8, 3-lamp 54W T5HO, 150W HID

PROJECTED LUMEN MAINTENANCE

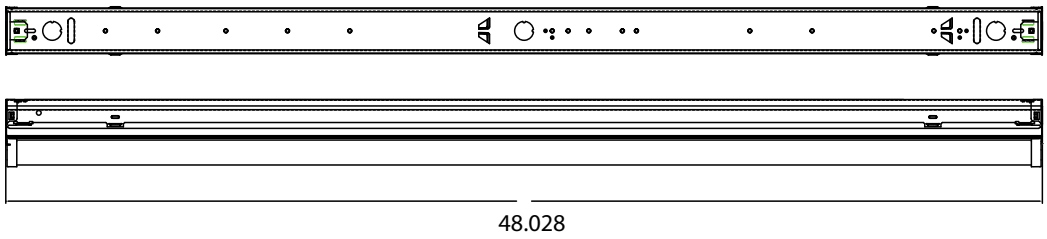
Operating Hours	0	15,000	30,000	45,000	60,000	100,000
Lumen Maintenance Factor	1	0.94	0.89	0.83	0.79	0.67

DIMENSIONS

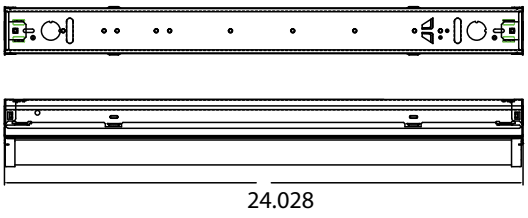
All dimensions are shown in inches (centimeters) unless otherwise noted.

Specifications subject to change without notice.

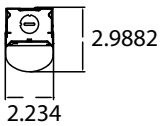
PALLET DIMENSIONS			
Length	Approximate weight	Fixtures per pallet	Approximate pallet dimensions (L x W x H)
L24	7 lbs.	176	46" X 51" X 31 5/8"
L48	13 lbs.	176	46" X 51" X 31 5/8"
L96	26 lbs.	63	46" X 98 1/2" X 31 3/8"



ZL1D L48

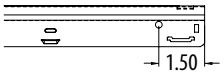


Knockout hole is .86in in diameter.



ZL1D L24

Mounting Hole Location - All Lengths

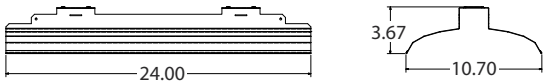


COMMERCIAL INDOOR: One Lithonia Way, Conyers, GA 30012 Phone: 800-705-SERV (7378) www.lithonia.com techsupport-commercialindoor@acuitybrands.com

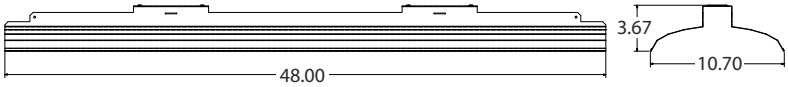
© 2013-2023 Acuity Brands Lighting, Inc. All rights reserved.

REFLECTORS (Optional)

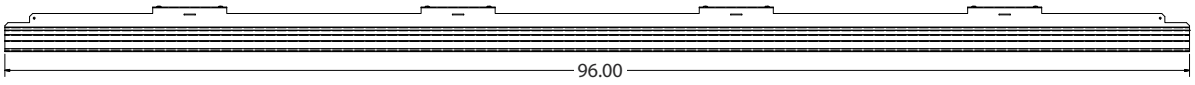
L24 Reflector



L48 Reflector



L96 Reflector



PHOTOMETRICS

Please see www.lithonia.com

PLUG-IN WIRING INFORMATION

Advanced plug-in system with two-circuit capability. Available on industrial and strip products and a variety of architectural products mounted in continuous rows. PLR22 (2-circuit) and crossover harness switches hot circuit serving next fixture in row. Reduces fixture types on job for alternating circuit applications (see example below.)

Easy one-step installation, saves up to 35% on labor costs. Expanded switching flexibility helps save energy.

Rows can be 50% longer with two-circuit systems. Polarized, lock-together nylon connectors prevent miswiring in the field. #12 THHN conductor, rated 600V, 90°C. White neutral wire included. Grounding accomplished by fixture in-row connectors.

CSA certified systems available with up to 2 circuits. G ground required.

Not for use with dedicated emergency circuits.

Note: Specifications subject to change without notice.

Wiring

PLR

Advanced 1 or 2-Circuit Plug-In

ORDERING INFORMATION Lead times will vary depending on options selected. Consult with your sales representative.

Series	Number of hot wires	Branch circuits		Dimming	Ground
PLR	(blank) Not required for PLR22	Circuits to which driver is connected	Battery charging circuit (must be unswitched)	LV Low-voltage dimming	G Ground (required)
PLR22	1 Black	(blank) Not required for PLR22 or PLR1	(blank) No battery charging circuit		
	2 Black and red	A Black wire	ELA Battery pack circuit wired to black wire		
		B Red wire	ELB Battery pack circuit wired to red wire		

Typical Applications

- Multiple-circuit and single-circuit for longer continuous rows
- Multiple-circuit with alternating fixtures on separate circuits and 2-circuit PLR22
- Multiple circuit with night-lights located along row as desired

COMMERCIAL INDOOR: One Lithonia Way, Conyers, GA 30012 Phone: 800-705-SERV (7378) www.lithonia.com techsupport-commercialindoor@acuitybrands.com

© 2013-2023 Acuity Brands Lighting, Inc. All rights reserved.

LSXR – Fixture Mount Occupancy Sensor (see www.AcuityControls.com for additional information)

- Three interchangeable lens options to satisfy multiple mounting heights and coverage pattern requirements.
- Integrated mounting bracket drops lens down 3" from chase nipple.
- Single or dual relay versions — designed with robust protection from the harsh switching requirements of T5 and LED loads.
- Photocell and 0-10VDC dimming options.
- No PIR field calibration or sensitivity adjustments required.
- Sensor ambient temperature rating of 14°F (-10°C) to 131°F (55°C).

LSXR configuration	Comparable CMRB sensor	Old style sensor nomenclature
For shortest lead times use one of the following LSXR configurations		
LCOZU	CMRB 50	MSI
LCH0SZU	CMRB 50 D	MSID
LCPZU	CMRB 50 P	MSIPED
LA0ZU	CMRB 6	MSI360
LAH0SZU	CMRB 6 D	MSI360D
LAPZU	CMRB 6 P	MSI360PED

SELECTIONS BELOW WILL EXTEND ORDER LEAD TIME. CONSULT YOUR SALES REPRESENTATIVE FOR DETAILS.

SINGLE RELAY

ORDERING INFORMATION

Example: LAH0SZU

Series	Lens option	Dimming/Photocell	Max. dim level	Min. dim level	Temp/Humidity	Default occupancy time delay
L LSXR passive infrared indoor occupancy sensor	A High mount, 360° B Low mount, 360° C High mount aisleway	0 None[1] H High/low occupancy operation P Switching photocell (on/off)[1] M Dimming and switching photocell G Dimming and switching photocell with high/low occupancy operation	0 10 VDC 9 9 VDC 8 8 VDC 7 7 VDC	S Minimum dim level of ballast 1 1 VDC 2 2 VDC 3 3 VDC 4 4 VDC 5 5 VDC 6 6 VDC	Z None T Low temperature[2]	I 30 sec D 2.5 min X 5.0 min R 7.5 min U 10.0 min (with minimum 15 minute on time) V 15.0 min W 20.0 min Y 30.0 min

Notes

1 Max and min dim levels not applicable with this option.

2 Ambient temperature rating of -4°F (-20°C) to 131°F (55°C).

DUAL RELAY (Available with 120, 277, and 347V only)

ORDERING INFORMATION

Example: LA2KZU

Series	Lens option	Poles	Operating mode	Temp/Humidity	Default occupancy time delay
L LSXR passive infrared indoor occupancy sensor	A High mount, 360° B Low mount, 360° C High mount aisleway	2 Dual relay	J None K Alternating off relays (promotes even lamp wear) O Alternating off relays w/photocell P Switching photocell(on/off) E Photocell on/off (pole 1 only) F Photocell on/off - both poles (dual set-point)	Z None T Low temperature[1]	I 30 sec D 2.5 min X 5.0 min R 7.5 min U 10.0 min (with minimum 15 minute on time) V 15.0 min W 20.0 min Y 30.0 min

Notes

1 Ambient temperature rating of -4°F (-20°C) to 131°F (55°C).

Example: LENS 50 J100

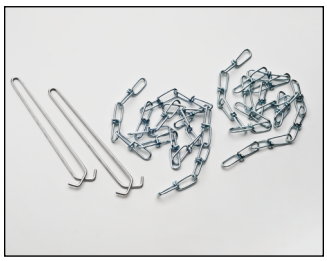
Replacement lenses: *Order as separate catalog number.*

Series	Lens type	Package quantity
LENS	6 High mount 360° 10 Low mount 360° 50 High mount aisleway	[blank] Single Lens J10 10-pack J100 100-pack

© 2013-2023 Acuity Brands Lighting, Inc. All rights reserved.

OPTIONS AND ACCESSORIES

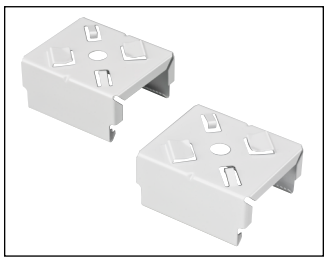
The Z Series fixture offers numerous options for almost every electrical and optical component, including a long list of field-installable accessories.



HANGER CHAIN

36" chain with Y hanger.

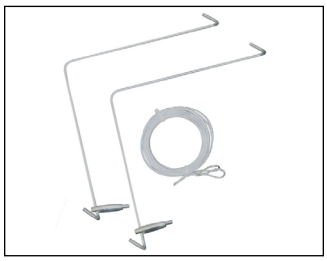
Order as:
HC36



Z SPRING HANGER

Snap 'n' lock design requires no fasteners and can be used on T-grid ceiling or universal mounting systems.

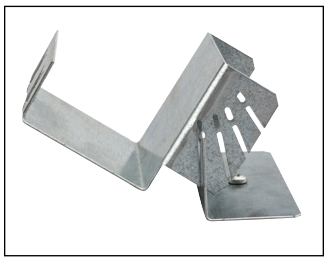
Order as:
ZSPRG



ZACVH HANGER

10' Aircraft cable with Y hanger.

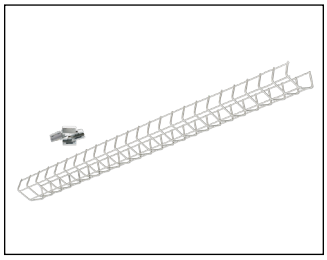
Order as:
ZACVH



ANGLE MOUNTING BRACKET

Luma-tilt™ angle bracket ships as a pair

Order as:
ZLANGBKT



WIRE GUARD

Order as:
WGZ24
WGZ48

COMMERCIAL INDOOR: One Lithonia Way, Conyers, GA 30012 Phone: 800-705-SERV (7378) www.lithonia.com techsupport-commercialindoor@acuitybrands.com

© 2013-2023 Acuity Brands Lighting, Inc. All rights reserved.

L3

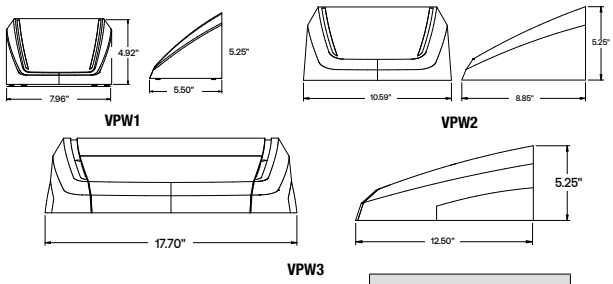
BEACON
design . performance . technology

VIPER Wall

VPW1/VPW2/VPW3 LED WALLPACK

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

MICRO STRIKE | OPTICS STRIKE



	Weight
VPW1	4.1 lbs / 1.86 kg
VPW2	7.15 lbs / 3.24 kg
VPW3	17.1 lbs / 7.80 kg

FEATURES

- Low profile LED wall luminaire with a variety of IES distributions for lighting applications such as retail, commercial and industrial building mount
- Featuring Strike and Micro Strike Optics which maximizes target zone illumination with minimal losses at the house-side, reducing light trespass issues
- Visual Comfort - Option for Size 2 and Size 3
- Control options including photo control, occupancy sensing, NX Distributed Intelligence™, and LightGRID+.
- Battery Backup options available for emergency code compliance
- Quick-mount adapter allows easy installation/maintenance
- 347V and 480V versions for industrial applications and Canada

C US BAA TAA

CONTROL TECHNOLOGY

NX CONNECT NX WIRED NX WIRELESS LIGHTGRID+

SPECIFICATIONS

CONSTRUCTION

- Die-cast housing with hidden vertical heat fins that are optimal for heat dissipation while keeping a clean smooth outer surface
- Corrosion resistant, die-cast aluminum housing with powder coat paint finish
- Powder paint finish provides durability in outdoor environments. Tested to meet 1000 hour salt spray rating

OPTICS

- Entire optical aperture illuminates to create a larger luminous surface area resulting in a low glare appearance without sacrificing optical performance
- 2700K, 3000K, 3500K, 4000K and 5000K CCTs
- Zero uplight distributions
- LED optics provide IES type II, III and IV distributions.

INSTALLATION

- Quick-mount adapter provides easy installation to wall or to recessed junction boxes (4" square junction box)
- Designed for direct j-box mount.

ELECTRICAL

- 120V-277V universal voltage 50/60Hz 0-10V dimming drivers
- 347V input is available in most wattage, 480V is available for 55W and above.
- Ambient operating temperature -40˚C to 40˚C
- Driver RoHS and IP66
- 10kV Surge Protector optional
- Drivers have greater than .90 power factor and less than 20% Total Harmonic Distortion
- Dual Driver option provides 2 drivers within luminaire but only one set of leads exiting the luminaire, where Dual Power Feed provides two drivers which can be wired independently as two sets of leads are extended from the luminaire. Both options can not be included in one same fixture.
- Dimming drivers are standard. Select CD (Customer Dimming) for the dimming wires to be extended outside the fixture.

CONTROLS

- Photo control, occupancy sensor and wireless available for complete on/off and dimming control
- Button photocontrol is suitable for 120-277V operation
- NX Distributed Intelligence™ available with in fixture wireless control module, features dimming and occupancy sensor

CONTROLS CONTINUED

- Integral Battery Backup provides emergency lighting for the required 90 minute path of egress
- Battery Backup suitable for operating temperatures -20˚C to 40˚C.
- Please consult brand or sales representative when combining control and electrical options as some combinations may not operate as anticipated depending on your application.
- LightGRID+ available with in fixture wireless control module, features dimming and occupancy sensor.

CERTIFICATIONS

- Certified to UL 1598 and CSA 22.2#250.0-24
- IP65 rated housing
- Emergency battery backup options are California Energy Commission (CEC) Title 20 Compliant
- This product meets federal procurement law requirements under the Buy American Act (FAR 52.225-9) and Trade Agreements Act (FAR 52.225- 11). See Buy America(n) Solutions (link to https://http://www.currentlighting.com/resources/americasolutions).

WARRANTY

- 5 year limited warranty

© 2024 Current Lighting Solutions, LLC. All rights reserved. Information and specifications subject to change without notice. All values are design or typical values when measured under laboratory conditions.

L3

BEACON
design . performance . technology

DATE: | LOCATION:

TYPE: | PROJECT:

CATALOG #:

VIPER Wall

VPW1/VPW2/VPW3 LED WALLPACK

ORDERING GUIDE

Example: VPW1–24L-10–3K7–2–UNV–BLS

CATALOG #

Series		# LEDs - Wattage		CCT/CRI		Distribution		Voltage		Color	
VPW1	Viper Wall 1	**24L-10**	1,000 Lumens	**27K8**	2700K, 80 CRI	**FR**	Auto Front Row[7]	**UNV**	120-277V	**BLT**	Black Matte Textured
		24L-15	2,000 Lumens	**3K7**	3000K, 70 CRI	**2**	IES TYPE 2	**120**	120V	**BLS**	Black Gloss Smooth
		24L-25	3,000 Lumens	**4K7**	4000K, 70 CRI	**3**	IES TYPE 3	**208**	208V	**DBT**	Dark Bronze Matte Textured
VPW2	Viper Wall 2	**48L-15**	2,000 Lumens	**5K7**	5000K, 70 CRI	**4F**	IES TYPE 4 Forward	**240**	240V	**DBS**	Dark Bronze Gloss Smooth
		48L-20	3,000 Lumens	**3K8**	3000K, 80 CRI	**4W**	IES TYPE 4W	**277**	277V	**GTT**	Graphite Matte Textured
		48L-30	4,000 Lumens	**35K8**	3500K, 80 CRI			**347**	347V	**LGS**	Light Grey Gloss Smooth
		48L-35	5,000 Lumens	**4K8**	4000K, 80 CRI			**480**	480V	**LGT**	Light Grey Matte Textured
		48L-45	6,000 Lumens	**5K8**	5000K, 80 CRI					**PSS**	Platinum Silver Smooth
		80L-20	3,000 Lumens	**AP**	Phosphor Converted Amber[1]					**WHT**	White Matte Textured
		80L-25	4,000 Lumens							**WHS**	White Gloss Smooth
		80L-35	5,000 Lumens							**VGT**	Verde Green Textured
		80L-45	6,000 Lumens							**Color Option**	
		80L-55	7,000 Lumens							**CC**	Custom Color
		80L-65	8,000 Lumens								
		80L-70	8,500 Lumens								
		18L-25	3,000 Lumens, Strike Optics								
		18L-30	4,000 Lumens, Strike Optics								
		18L-39	4,750 Lumens, Strike Optics								
		18L-50	6,000 Lumens, Strike Optics								
		18L-60	6,500 Lumens, Strike Optics								
VPW3	Viper Wall 3	**160L-45**	7,000 Lumens								
		160L-70	10,000 Lumens								
		160L-95	12,500 Lumens								
		160L-105	15,000 Lumens								
		160L-135	17,500 Lumens								
		160L-155	20,000 Lumens								
		36L-55	7,000 Lumens, Strike Optics								
		36L-80	9,500 Lumens, Strike Optics								
		36L-100	11,500 Lumens, Strike Optics								
		36L-120	13,000 Lumens, Strike Optics								

Control Options Network[3,7,11,13]	
NXWS12F	NX Networked Wireless Enabled Integral NXSMP2-OMNI PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming[14]
NXWS16F	NX Networked Wireless Enabled Integral NXSMP2-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming[9]
NXWS24F	NX Networked Wireless Enabled Integral NXSMP2-OMNI-HM PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming[9]
NXWS40F	NX Networked Wireless Enabled Integral NXSMP2-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming[9]
NXW	NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor
WIR	LightGRID+ In-Fixture Module[9]
WIRSC	LightGRID+ In-Fixture Moduel with BTS occupancy[9]
Stand Alone Sensors[7,11,13]	
BTS-14F	Bluetooth® Programmable, PIR Occupancy/Daylight Sensor[4,9]
BTS-40F	Bluetooth® Programmable, PIR Occupancy/Daylight Sensor[4,9]
BTSO-12F	Bluetooth® Programmable, PIR Occupancy/Daylight Sensor, up to 12' mounting height[14]
Photocontrol[13]	
PC	Button Photocontrol 120-277V

Options	
F	Fusing[5,7]
E	Battery[6,7,8]
EH	Battery with Heater[6,7,8]
CS	Comfort Shield[7,10]
SP	10kA Surge Protector
2PF	Dual Power Feed[2,7,8]
2DR	Dual Driver[2,7,8]
CD	Customer Dimming[12]
DTS	Dimming Transfer Switch[7]

Notes:

1 Available with Micro Strike Optics only
2 Not available with 480V in Size 1 and Size 2
3 Networked controls cannot be combined with other control options
4 Not available with VPW1 or with 2PF or 2DR options
5 Must specify voltage (VPW1 & VPW2: 120V, 277V or 347V; VPW3: 120V, 208V, 240V, 277V, 347V or 480V)
6 See page 10 for detail Battery configurations
7 Not available in VPW1
8 2PF can't be combined with E or EH; 2DR can't be combined with E or EH in VPW2
9 Not avialable in VPW1 and VPW2
10 Not available with Micro Strike 24L and 48L. Not available with Strike 18L and 36L
11 Not available with 2PF
12 Not available with Network Control options or Stand Alone Sensors. Can be ordered with PC
13 Not available in 480V in VPW2; Only available in 480V in VPW3 in 80W, 100W, 120W, 135W and 155W
14 NXWS12F and BTSO-12F are the only sensors available in VPW2

© 2024 Current Lighting Solutions, LLC. All rights reserved. Information and specifications subject to change without notice. All values are design or typical values when measured under laboratory conditions.

L3

BEACON
design . performance . technology

VIPER Wall

VPW1/VPW2/VPW3 LED WALLPACK

DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

ACCESSORIES AND REPLACEMENT PARTS - MADE TO ORDER

	Catalog Number	Description
☐	**WP-BB-XXX**	Accessory for conduit entry[1]
☐	**CS**	Comfort Shield[2]

Notes:
1 replace "xxx" with color option
2 Not available with Micro Strike 24L and 48L or Strike 18L and 36L

CONTROLS FUNCTIONALITY

OUTDOOR LIGHTING CONTROLS OPTIONS

LIGHTGRID+ NX LIGHTING CONTROLS MOBILE APP

	Control Option Ordering Logic & Description		Control Option Functionality									Control Option Components	
			Networkable	Grouping	Scheduling	Occupancy/ Motion	Daylight Harvesting	0-10V Dimming	On/Off Control	Bluetooth App Programming	Sensor Height		
NX Wireless	NXW	NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor	✓	✓	✓	–	–	✓	✓	✓	–		NXRM2-H
NX Wireless	NXWS16F	NX Networked Wireless Enabled Integral NXSMP2-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming	✓	✓	✓	✓	✓	✓	✓	✓	16ft		NXSMP2-LMO
NX Wireless	NXWS40F	NX Networked Wireless Enabled Integral NXSMP2-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming	✓	✓	✓	✓	✓	✓	✓	✓	40ft		NXSMP2-HMO
LightGRID+	WIR	LightGRID+ In-Fixture Module	✓	–	✓	–	–	✓	✓	Gateway	–		WIR
Independent	BTSO-12F	Bluetooth® Programmable, BTSMP-OMNI-O PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens	–	–	–	✓	✓	✓	✓	✓	12ft		BTSMP-OMNI-O
Independent	BTS-14F	Bluetooth® Programmable, BTSMP-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens	–	–	–	✓	✓	✓	✓	✓	14ft		BTSMP-LMO
Independent	BTS-40F	Bluetooth® Programmable, BTSMP-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens	–	–	–	✓	✓	✓	✓	✓	40ft		BTSMP-HMO

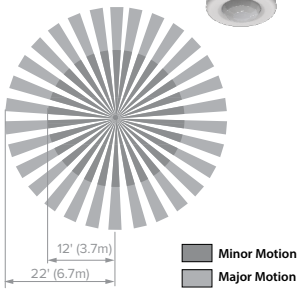
DEFAULT SETTINGS

NX Wireless	
Occupancy Sensor	Enabled
Occupancy Sensor Sensitivity	7
Occupancy Sensor Timeout	15 Minutes
Occupied Dim Level	100%
Unoccupied Dim Level	0%
Daylight Sensor	Disabled
Bluetooth	Enabled
2.4GHz Wireless Mesh	Off
"Passcode Factory Passcode: HubbN3T!"	Enabled

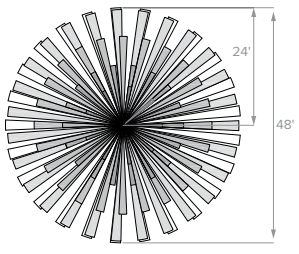
Stand Alone	
Occupancy Sensor	Enabled
Occupancy Sensor Sensitivity	7
Occupancy Sensor Timeout	8 Minutes
Occupied Dim Level	100%
Unoccupied Dim Level	0% (Off)
Daylight Sensor	Disabled

NX WIRELESS COVERAGE PATTERNS

NXSMP2-OMNI

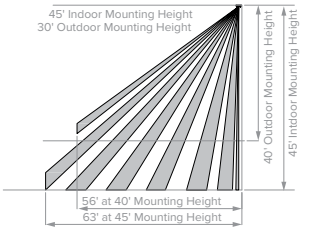


NXSMP2-LMO



Sensor Lens Coverage and Detection Patterns
When Mounted at 8ft with Low Mount Lens

NXSMP2-HMO



Sensor Lens Coverage and Detection Patterns
When Mounted at 40ft and 45ft with Standard Lens

© 2024 Current Lighting Solutions, LLC. All rights reserved. Information and specifications subject to change without notice. All values are design or typical values when measured under laboratory conditions.

L3

BEACON
design . performance . technology

DATE: | LOCATION:

TYPE: | PROJECT:

CATALOG #:

VIPER Wall

VPW1/VPW2/VPW3 LED WALLPACK

NX LIGHTING CONTROLS FREE APP

The NX Lighting Controls App is free to use mobile application for programming both NX Lighting Controls System or Standalone Bluetooth Sensors. The mobile app allows you to configure devices, discover and setup wireless enable luminiares and program NX system settings.

Apple App: https://apps.apple.com/us/app/nx-lighting-controls/id962112904

Google Play: https://play.google.com/store/apps/details?id=io.cordova.NXBTR&hl=en_US&gl=US

NX LIGHTING CONTROLS

Apple App

Google Play

CONTROLS TECH SUPPORT 800-888-8006 (7:00 AM - 7:00 PM)

LUMINAIRE AMBIENT TEMPERATURE FACTOR (LATF)

Ambient Temperature		Lumen Multiplier
0°C	32°F	1.03
10°C	50°F	1.01
20°C	68°F	1.00
25°C	77°F	1.00
30°C	86°F	0.99
40°C	104°F	0.98
50°C	122°F	0.97

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

PROJECTED LUMEN MAINTENANCE

	OPERATING HOURS		
Ambient Temp.	0	25,000	TM-21-22 60,000
25°C / 77°F	1.00	0.91	0.83
40°C / 104°F	0.99	0.90	0.82

Lumen maintenance values calculated per TM-21 using six times the LM-80 test time for the LED and in-situ thermal testing of the luminaire.

MULTIPLIER

Micro Strike Lumen Multiplier			
CCT	70 CRI	80 CRI	90 CRI
2700K	–	0.841	–
3000K	0.977	0.861	0.647
3500K	–	0.900	–
4000K	1	0.926	0.699
5000K	1	0.937	0.791
Monochromatic Amber Multiplier			
Amber	0.710		

Strike Lumen Multiplier			
CCT	70 CRI	80 CRI	90 CRI
2700K	0.9	0.81	0.62
3000K	0.933	0.853	0.659
3500K	0.959	0.894	0.711
4000K	1	0.9	0.732
5000K	1	0.9	0.732
Monochromatic Amber Multiplier			
Amber	See Amber Spec Sheet		

PERFORMANCE DATA: MICROSTRIKE

Description	# of LEDs	Nominal Wattage	System Watts	Dist. Type	5K (5000K NOMINAL 70 CRI)					4K (4000K NOMINAL 70 CRI)					3K (3000K NOMINAL 70 CRI)				
					Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
VPW1	24L	10	6.6	2	888	134	0	0	0	883	134	0	0	0	850	129	0	0	0
				3	829	126	0	0	0	825	125	0	0	0	794	120	0	0	0
				4W	867	131	0	0	1	863	131	0	0	1	830	126	0	0	1
		15	14	2	1883	134	1	0	1	1873	134	1	0	1	1802	129	1	0	1
				3	1759	126	1	0	1	1750	125	1	0	1	1683	120	0	0	1
				4W	1839	131	0	0	1	1830	131	0	0	1	1761	126	0	0	1
		25	23.0	2	3116	135	1	0	1	3100	135	1	0	1	2982	130	1	0	1
				3	2910	127	1	0	1	2896	126	1	0	1	2785	121	1	0	1
				4W	3044	132	1	0	1	3029	132	1	0	1	2914	127	1	0	1

© 2024 Current Lighting Solutions, LLC. All rights reserved. Information and specifications subject to change without notice. All values are design or typical values when measured under laboratory conditions.

BEACON
design . performance . technology

DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

VIPER Wall

VPW1/VPW2/VPW3 LED WALLPACK

PERFORMANCE DATA: MICROSTRIKE CONT'D

Description	# of LEDs	Nominal Wattage	System Watts	Dist. Type	5K (5000K NOMINAL 70 CRI)					4K (4000K NOMINAL 70 CRI)					3K (3000K NOMINAL 70 CRI)				
					Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
VPW2	48L	15	13.1	2	1866	142	1	0	1	1857	142	1	0	1	1786	136	1	0	1
				3	1743	133	1	0	1	1734	132	1	0	1	1668	127	0	0	1
				4F	1832	140	0	0	1	1823	139	0	0	1	1754	134	0	0	1
				4W	1823	139	0	0	1	1814	138	0	0	1	1745	133	0	0	1
		20	20.5	2	2791	136	1	0	1	2777	135	1	0	1	2671	130	1	0	1
				3	2606	127	1	0	1	2593	127	1	0	1	2495	122	1	0	1
				4F	2740	134	1	0	1	2726	133	1	0	1	2622	128	1	0	1
				4W	2726	133	1	0	1	2713	132	1	0	1	2610	127	1	0	1
		30	28.8	2	3766	131	1	0	1	3747	130	1	0	1	3605	125	1	0	1
				3	3517	122	1	0	1	3500	122	1	0	1	3367	117	1	0	1
				4F	3697	128	1	0	1	3678	128	1	0	1	3539	123	1	0	1
				4W	3679	128	1	0	1	3661	127	1	0	1	3522	122	1	0	1
		35	37.3	2	4707	126	1	0	1	4684	126	1	0	1	4506	121	1	0	1
				3	4396	118	1	0	1	4375	117	1	0	1	4208	113	1	0	1
				4F	4621	124	1	0	1	4598	123	1	0	1	4423	119	1	0	1
				4W	4599	123	1	0	2	4576	123	1	0	2	4402	118	1	0	2
		45	45.9	2	5604	121	1	0	1	5576	121	1	0	1	5364	116	1	0	1
				3	5234	114	1	0	2	5208	113	1	0	2	5010	109	1	0	2
				4F	5501	119	1	0	2	5474	118	1	0	2	5266	114	1	0	2
				4W	5475	116	1	0	2	5447	115	1	0	2	5240	111	1	0	2
	80L	20	19.4	2	2978	154	1	0	1	2963	153	1	0	1	2851	147	1	0	1
				3	3028	156	1	0	1	3013	155	1	0	1	2898	149	1	0	1
				4F	3039	157	1	0	1	3024	156	1	0	1	2909	150	1	0	1
				4W	2968	153	1	0	1	2953	152	1	0	1	2841	146	1	0	1
		25	26.7	2	3723	139	1	0	1	3704	139	1	0	1	3563	133	1	0	1
				3	3785	142	1	0	1	3766	141	1	0	1	3623	136	1	0	1
				4F	3799	142	1	0	1	3780	142	1	0	1	3636	136	1	0	1
				4W	3710	139	1	0	1	3692	138	1	0	1	3551	133	1	0	1
		35	34.2	2	4775	140	1	0	1	4751	139	1	0	1	4571	134	1	0	1
				3	4855	142	1	0	1	4831	141	1	0	1	4647	136	1	0	1
				4F	4872	142	1	0	1	4848	142	1	0	1	4664	136	1	0	1
				4W	4759	139	1	0	1	4735	138	1	0	1	4555	133	1	0	1
		45	41.7	2	6032	145	1	0	2	6002	144	1	0	2	5774	138	1	0	1
				3	6133	147	1	0	2	6102	146	1	0	2	5870	141	1	0	2
				4F	6155	148	1	0	2	6124	147	1	0	2	5891	141	1	0	2
				4W	6012	144	1	0	2	5982	143	1	0	2	5754	138	1	0	2
		55	50.6	2	6999	138	1	0	2	6964	138	1	0	2	6700	132	1	0	2
				3	7116	141	1	0	2	7081	140	1	0	2	6812	135	1	0	2
				4F	7142	141	1	0	2	7106	140	1	0	2	6836	135	1	0	2
				4W	6976	138	1	0	2	6941	137	1	0	2	6677	132	1	0	2
		65	58.3	2	7910	136	2	0	2	7871	135	2	0	2	7572	130	1	0	2
				3	8042	138	1	0	2	8002	137	1	0	2	7698	132	1	0	2
				4F	8071	138	2	0	2	8031	138	2	0	2	7726	133	1	0	2
				4W	7884	135	1	0	2	7844	135	1	0	2	7546	129	1	0	2
		70	63.5	2	8506	134	2	0	2	8463	133	2	0	2	8142	128	2	0	2
				3	8648	136	1	0	2	8605	136	1	0	2	8278	130	1	0	2
				4F	8679	137	2	0	2	8636	136	2	0	2	8308	131	2	0	2
				4W	8477	133	1	0	2	8435	133	1	0	2	8114	128	1	0	2

© 2024 Current Lighting Solutions, LLC. All rights reserved. Information and specifications subject to change without notice. All values are design or typical values when measured under laboratory conditions.

L3

BEACON
design . performance . technology

DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

VIPER Wall

VPW1/VPW2/VPW3 LED WALLPACK

PERFORMANCE DATA: MICROSTRIKE CONT'D

Description	# of LEDs	Nominal Wattage	System Watts	Dist. Type	5K (5000K NOMINAL 70 CRI)					4K (4000K NOMINAL 70 CRI)					3K (3000K NOMINAL 70 CRI)				
					Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
VPW3	160L	45	46.2	2	6702	145	1	0	2	6668	144	1	0	2	6415	139	1	0	2
				3	6814	147	1	0	2	6780	147	1	0	2	6522	141	1	0	2
				4F	6838	148	1	0	2	6804	147	1	0	2	6546	142	1	0	2
				4W	6679	145	1	0	2	6646	144	1	0	2	6393	138	1	0	2
		70	68.3	2	9550	140	2	0	2	9502	139	2	0	2	9141	134	2	0	2
				3	9710	142	2	0	2	9661	141	2	0	2	9294	136	2	0	2
				4F	9744	143	2	0	2	9696	142	2	0	2	9327	137	2	0	2
				4W	9518	139	2	0	2	9470	139	2	0	2	9111	133	2	0	2
		95	91	2	13202	145	2	0	2	13136	144	2	0	2	12637	139	2	0	2
				3	13423	148	2	0	2	13356	147	2	0	2	12849	141	2	0	2
				4F	13471	148	2	0	2	13404	147	2	0	2	12895	142	2	0	2
				4W	13158	145	2	0	2	13092	144	2	0	2	12595	138	2	0	2
		105	106.3	2	14073	132	2	0	2	14003	132	2	0	2	13471	127	2	0	2
				3	14309	135	2	0	2	14238	134	2	0	2	13697	129	2	0	2
				4F	14360	135	2	0	2	14289	134	2	0	2	13746	129	2	0	2
				4W	14026	132	2	0	3	13956	131	2	0	3	13426	126	2	0	2
		135	134.8	2	17223	128	3	0	3	17137	127	3	0	3	16486	122	3	0	3
				3	17511	130	2	0	3	17424	129	2	0	3	16762	124	2	0	3
				4F	17574	130	3	0	3	17487	130	3	0	3	16822	125	3	0	3
				4W	17165	127	2	0	3	17080	127	2	0	3	16431	122	2	0	3
		155	158.3	2	19716	125	3	0	3	19618	124	3	0	3	18872	119	3	0	3
				3	20046	127	3	0	3	19946	126	3	0	3	19188	121	3	0	3
				4F	20118	127	3	0	3	20018	126	3	0	3	19257	122	3	0	3
				4W	19650	124	3	0	3	19552	124	3	0	3	18809	119	3	0	3

PERFORMANCE DATA: STRIKE

Description	# of LEDs	Nominal Wattage	System Watts	Dist. Type	5K (5000K NOMINAL 70 CRI)					4K (4000K NOMINAL 70 CRI)					3K (3000K NOMINAL 70 CRI)				
					Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
VPW2	18L	25	22.6	2	3314	147	1	0	1	3298	146	1	0	G1	3171	140	1	0	1
				3	3356	148	1	0	1	3340	148	1	0	G1	3212	142	1	0	1
				4F	3367	149	0	0	1	3351	148	0	0	G1	3222	143	0	0	1
				4W	3361	149	1	0	2	3345	148	1	0	G2	3216	142	1	0	2
		30	31.3	2	4124	132	1	0	1	4104	131	1	0	G1	3946	126	1	0	1
				3	4176	133	1	0	2	4156	133	1	0	G2	3996	128	1	0	1
				4F	4189	134	1	0	1	4169	133	1	0	G1	4009	128	1	0	1
				4W	4182	134	1	0	2	4162	133	1	0	G2	4002	128	1	0	2
		39	38.8	2	4894	126	1	0	1	4870	126	1	0	G1	4683	121	1	0	1
				3	4956	128	1	0	2	4932	127	1	0	G2	4742	122	1	0	2
				4F	4972	128	1	0	2	4948	128	1	0	G2	4758	123	1	0	2
				4W	4963	128	1	0	2	4939	127	1	0	G2	4749	122	1	0	2
		50	52.6	2	6325	120	1	0	1	6295	120	1	0	G1	6052	115	1	0	1
				3	6405	122	1	0	2	6374	121	1	0	G2	6129	117	1	0	2
				4F	6426	122	1	0	2	6395	122	1	0	G2	6149	117	1	0	2
				4W	6414	122	1	0	3	6384	121	1	0	G3	6138	117	1	0	3
		60	60.4	2	6865	114	1	0	2	6832	113	1	0	G2	6569	109	1	0	2
				3	6952	115	1	0	2	6919	115	1	0	G2	6652	110	1	0	2
				4F	6974	115	1	0	2	6941	115	1	0	G2	6674	110	1	0	2
				4W	6962	115	1	0	3	6929	115	1	0	G3	6662	110	1	0	3

© 2024 Current Lighting Solutions, LLC. All rights reserved. Information and specifications subject to change without notice. All values are design or typical values when measured under laboratory conditions.

L3

BEACON
design . performance . technology

VIPER Wall

VPW1/VPW2/VPW3 LED WALLPACK

DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

PERFORMANCE DATA: STRIKE CONT'D

Description	# of LEDs	Nominal Wattage	System Watts	Dist. Type	5K (5000K NOMINAL 70 CRI)					4K (4000K NOMINAL 70 CRI)					3K (3000K NOMINAL 70 CRI)				
					Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
VPW3	36L	55	63.1	2	7284	135	1	0	2	7249	134	1	0	G2	6970	129	1	0	2
				3	7376	137	1	0	2	7341	136	1	0	G2	7058	131	1	0	2
				4F	7400	137	1	0	2	7364	137	1	0	G2	7081	131	1	0	2
				4W	7387	137	1	0	3	7351	136	1	0	G3	7069	131	1	0	3
		80	77.6	2	9788	126	2	0	2	9741	126	2	0	G2	9366	121	2	0	2
				3	9912	128	1	0	3	9864	127	1	0	G3	9485	122	1	0	3
				4F	9944	128	1	0	2	9896	128	1	0	G2	9516	123	1	0	2
				4W	9926	128	1	0	3	9879	127	1	0	G3	9499	122	1	0	3
		105	108.2	2	12650	128	2	0	2	12589	127	2	0	G2	12105	122	2	0	2
				3	12810	130	2	0	3	12748	129	2	0	G3	12258	124	2	0	3
				4F	12851	130	1	0	3	12790	129	1	0	G3	12298	124	1	0	3
				4W	12829	130	2	0	3	12767	129	2	0	G3	12276	124	2	0	3
		120	120.9	2	13730	114	2	0	2	13664	113	2	0	G2	13138	109	2	0	2
				3	13904	115	2	0	3	13837	114	2	0	G3	13305	110	2	0	3
				4F	13949	115	1	0	3	13882	115	1	0	G3	13348	110	1	0	3
				4W	13924	115	2	0	4	13857	115	2	0	G4	13324	110	2	0	3

ELECTRICAL DATA: STRIKE

# OF LEDS	18L				
NOMINAL WATTAGE	25	30	39	50	60
SYSTEM POWER (W)	22.6	31.3	38.8	52.6	60.4
INPUT VOLTAGE (V)	CURRENT (Amps)				
120	0.21	0.26	0.32	0.44	0.50
208	0.12	0.15	0.19	0.25	0.29
240	0.10	0.13	0.16	0.22	0.25
277	0.09	0.11	0.14	0.19	0.22
347	0.07	0.09	0.11	0.15	0.17
480	0.05	0.07	0.08	0.11	0.13

# OF LEDS	36L			
NOMINAL WATTAGE	55	80	100	120
SYSTEM POWER (W)	53.9	77.6	98.9	120.9
INPUT VOLTAGE (V)	CURRENT (Amps)			
120	0.45	0.65	0.82	1.01
208	0.26	0.37	0.48	0.58
240	0.22	0.32	0.41	0.50
277	0.19	0.28	0.36	0.44
347	0.16	0.22	0.29	0.35
480	0.11	0.16	0.21	0.25

© 2024 Current Lighting Solutions, LLC. All rights reserved. Information and specifications subject to change without notice. All values are design or typical values when measured under laboratory conditions.

L3

BEACON
design . performance . technology

DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

VIPER Wall

VPW1/VPW2/VPW3 LED WALLPACK

ELECTRICAL DATA: MICROSTRIKE

# OF LEDS	24L		
NOMINAL WATTAGE	10	15	25
SYSTEM POWER (W)	6.6	14.0	23.0
INPUT VOLTAGE (V)	CURRENT (Amps)		
120	0.06	0.12	0.19
208	0.03	0.07	0.11
240	0.03	0.06	0.10
277	0.02	0.05	0.08
347	0.02	0.04	0.07
480	0.01	0.03	0.05

# OF LEDS	48L				
NOMINAL WATTAGE	15	20	30	35	45
SYSTEM POWER (W)	13.1	20.5	28.8	37.3	45.9
INPUT VOLTAGE (V)	CURRENT (Amps)				
120	0.11	0.17	0.24	0.31	0.38
208	0.06	0.10	0.14	0.18	0.22
240	0.05	0.09	0.12	0.16	0.19
277	0.05	0.07	0.10	0.13	0.17
347	0.04	0.06	0.08	0.11	0.13
480	0.03	0.04	0.06	0.08	0.10

# OF LEDS	80L						
NOMINAL WATTAGE	20	25	35	45	55	65	70
SYSTEM POWER (W)	19.4	26.7	34.2	41.7	50.6	58.3	63.5
INPUT VOLTAGE (V)	CURRENT (Amps)						
120	0.16	0.22	0.29	0.35	0.42	0.49	0.53
208	0.10	0.13	0.18	0.22	0.27	0.28	0.31
240	0.08	0.12	0.15	0.19	0.24	0.24	0.26
277	0.07	0.10	0.13	0.17	0.21	0.21	0.23
347	0.06	0.08	0.11	0.13	0.16	0.17	0.18
480	0.04	0.06	0.08	0.10	0.12	0.12	0.13

# OF LEDS	160L					
NOMINAL WATTAGE	45	70	95	105	135	155
SYSTEM POWER (W)	46.2	68.3	91	106.3	134.8	158.3
INPUT VOLTAGE (V)	CURRENT (Amps)					
120	0.39	0.57	0.76	0.89	1.12	1.32
208	0.22	0.33	0.44	0.51	0.65	0.76
240	0.19	0.28	0.38	0.44	0.56	0.66
277	0.17	0.25	0.33	0.38	0.49	0.57
347	0.13	0.20	0.26	0.31	0.39	0.46
480	0.10	0.14	0.19	0.22	0.28	0.33

© 2024 Current Lighting Solutions, LLC. All rights reserved. Information and specifications subject to change without notice. All values are design or typical values when measured under laboratory conditions.

L3

BEACON
design . performance . technology

VIPER Wall

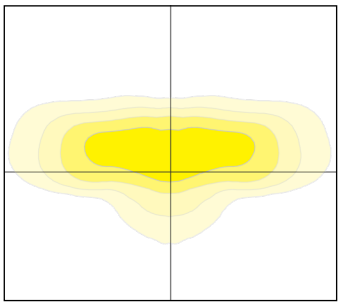
VPW1/VPW2/VPW3 LED WALLPACK

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

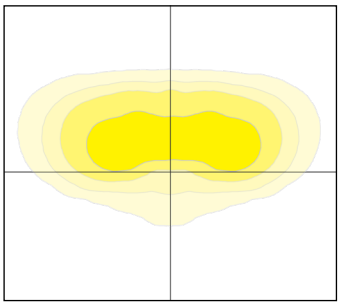
PHOTOMETRY

Mounting Height: 10ft

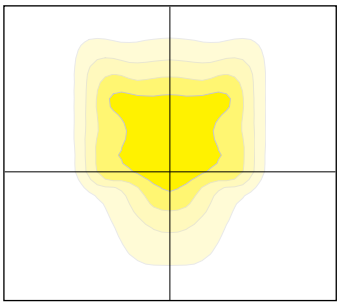
Type 2



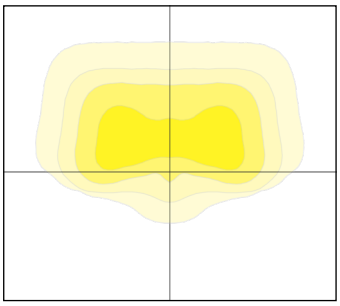
Type 3



Type 4F

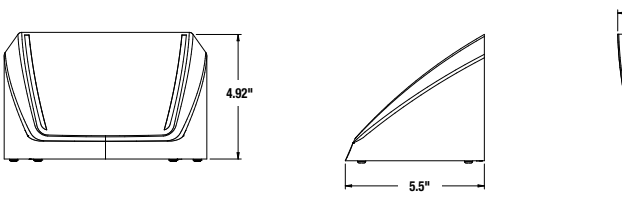


Type 4W

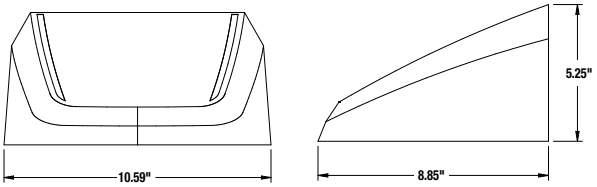


DIMENSIONS

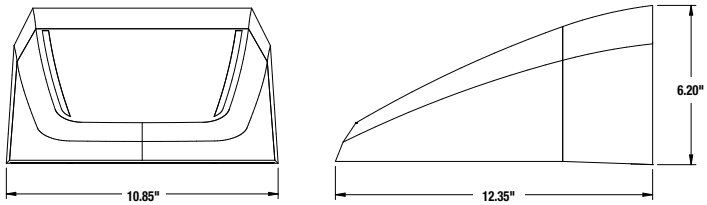
VPW1



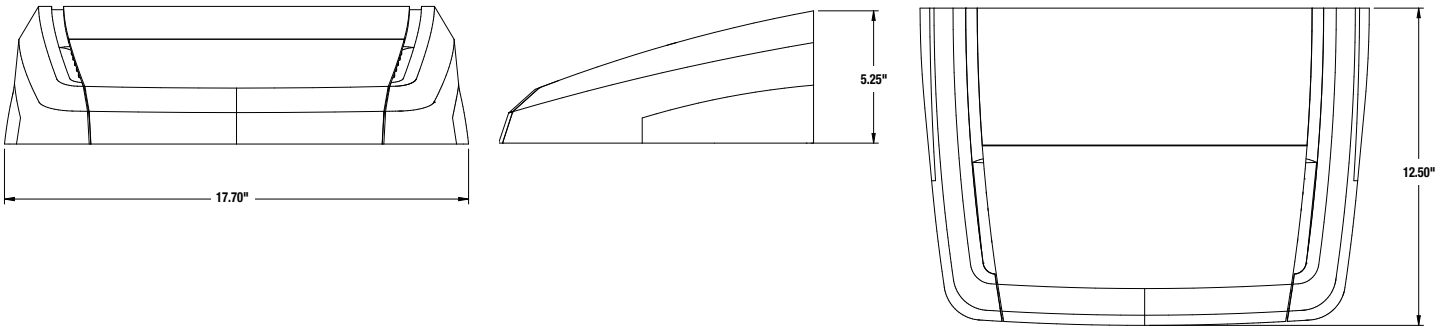
VPW2



VPW2 with Back Box



VPW3



© 2024 Current Lighting Solutions, LLC. All rights reserved. Information and specifications subject to change without notice. All values are design or typical values when measured under laboratory conditions.

L3

BEACON
design . performance . technology

VIPER Wall

VPW1/VPW2/VPW3 LED WALLPACK

DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

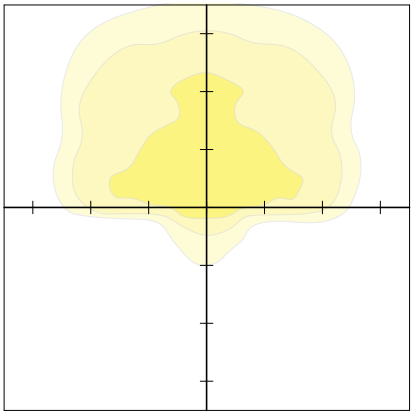
BATTERY OPTIONS & HOUSING SIZES

SIZE	OPTICS	OPTION	BATTERY WATTAGE	FIXTURE WATTAGES	HOUSING
VPW1	NO BATTERY OFFERED				
VPW2	Micro Strike	E	10W	20W, 25W, 35W	Standard
	Micro Strike	E	10W	45W, 55W, 65W, 70W	Not offered
	Micro Strike	EH	13W	20W, 25W, 35W, 45W, 55W, 65W, 70W	Housing with Backbox
	Strike	E	10W	15W, 20W, 25W, 35W, 39W	Standard
	Strike	E	10W	50W, 60W	Not offered
	Strike	EH	13W	15W, 20W, 25W, 30W, 39W, 50W, 60W	Housing with Backbox
VPW3	Micro Strike	E	10W	Not offered	
	Micro Strike	EH	13W	45W, 70W, 95W, 105W	Standard
	Micro Strike	EH	13W	135W, 155W	Not offered
	Strike	E	10W	Not offered	
	Strike	EH	13W	55W, 80W, 100W	Standard
	Strike	EH	13W	120W	Not offered

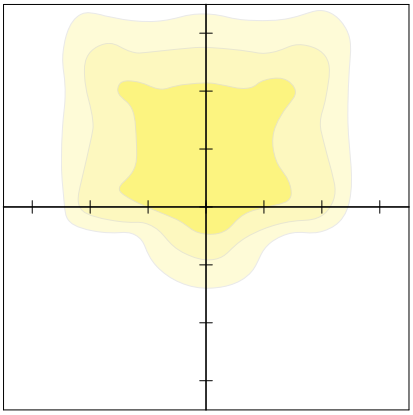
PHOTOMETRY - BATTERY

Mounting Height: 12ft
Scale: 10ft

18L BATTERY PHOTOMETRY



80L BATTERY PHOTOMETRY



© 2024 Current Lighting Solutions, LLC. All rights reserved. Information and specifications subject to change without notice. All values are design or typical values when measured under laboratory conditions.

L4

BEACON
design . performance . technology

SRT1 EDGE-LIT

CEILING/SURFACE/GARAGE

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

DRIVE EDGE-LIT

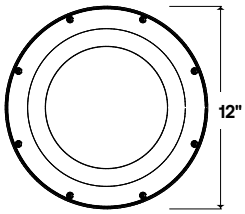
FEATURES

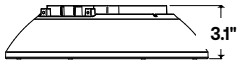
- For ceiling mount and parking garage applications from an 8–15 foot mounting height
- Edge-lit flat lens for optimal visual comfort and uniformity across the lens
- Two optical distributions specifically design for parking garage and canopy applications are available making the Beacon Edge-Lit luminaire both versatile and functional
- UL/cUL listed for wet locations, IP65 and 3G vibration rated
- Occupancy sensor available for complete on/off and dimming operation

DLC LISTED PREMIUM

C SP US

IP65





CONTROL TECHNOLOGY

NX WIRELESS

	Weight
SRT1	8 lbs / 3.6 kg

SPECIFICATIONS

HOUSING

- Die-cast aluminum housing ensures long electrical component life and luminaire performance
- Corrosion resistant powder coat finish both protects and provides architectural appearance
- One piece molded silicone gasket ensures weather proof seal
- Thermally isolated driver mounted to dedicated bracket reduces operating temperatures and increases driver life and reliability
- Torx head screws standard for tamper resistant housing

OPTICS

- Edge-lit acrylic light guide provides blended non-pixelated light for unprecedented visual comfort
- Choice of multiple light outputs with lumen range of 2000–6000
- Two distribution types: Type 5 Square Wide, Type 5 Concentrated
- Wide variety of CCT's and CRI's offered: 3000K (70CRI), 3000K (80CRI), 3500K (80CRI), 4000K (70CRI), 4000K (80CRI) or 5000K (70 CRI) CCT

ELECTRICAL

- 120V–277V 50/60Hz available
- 0–10V dimming drivers are RoHS compliant
- Dimming Drivers are standard and dimming leads are extended out of the luminaire unless control options require connection to the dimming leads. Must specify if wiring leads are to be greater than the 24" standard

INSTALLATION

- Standard quick mount plate over standard 4" junction box or octagonal junction box and allows for simplified fixture installation
- Standard luminaire accepts a rigid or 3/4" NPT stem for pendant mounting via wet location j-box (by others)
- Optional bird deterrent shroud available for field installation

OPTIONS/CONTROLS

- Standalone occupancy sensor available for on/off or dimming operation
- Uplight option provides approximately 800 lumens and consumes only 8 additional watts
- Vandal resistant wire guard available as an option for factory installation or as an accessory for field installation
- Please consult brand or sales representative when combining control and electrical options as some combinations may not operate as anticipated depending on your application

CERTIFICATIONS

- Listed to UL1598 for use in wet location, listed for -40ºC to 40ºC applications
- IDA approved with zero uplight for 3000K and warmer CCTs
- DLC® (DesignLights Consortium) Qualified. Please refer to the DLC website for specific product qualifications at www.designlights.org
- IP65

WARRANTY

- 5 year warranty

© 2023 HLI Solutions, Inc. All rights reserved. Information and specifications subject to change without notice. All values are design or typical values when measured under laboratory conditions.

L4

BEACON
design . performance . technology

SRT1 EDGE-LIT

CEILING/SURFACE/GARAGE

DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

ORDERING GUIDE

Example: SRT1-35-3K7-5QW-UNV-BLT-WG

CATALOG # _____

Series		Engine		CCT		Distribution		Voltage		Color/Finish		Options	
SRT1	Edge-Lit Parking Garage Size 1	**15**	15W Nominal 2000 lm	**3K7**	3000K, 70 CRI	**5QW**	Type 5 Square Wide	**UNV**	120V-277V	**BLT**	Black Matte Textured	**WG**	Wire Guard
		20	20W Nominal 2500 lm	**3K8**	3000K, 80 CRI	**5C**	Type 5 Concentrated	**120**	120V	**BLS**	Black Gloss Smooth	**UD**	Uplight Module[3]
		35	35W Nominal 4500 lm	**35K8**	3500K, 80 CRI			**208**	208V	**DBT**	Dark Bronze Matte	**F**	Single Fuse (120, 277)[1]
		55	55W Nominal 6500 lm	**4K7**	4000K, 70 CRI			**240**	240V	**DBS**	Dark Bronze Gloss Smooth	**LD3**	36" Lead Length[2]
				4K8	4000K, 80 CRI			**277**	277V	**GTT**	Graphite Matte Textured	**LD6**	72" Lead Length[2]
				5K7	5000K, 70 CRI					**LGS**	Light Grey Gloss Smooth	**LD9**	108" Lead Length[2]
										PSS	Platinum Silver Smooth	**SP10K**	10kA Surge Protection[3]
										WHT	White Matte Textured	**LMB**	Less Mounting Bracket
										WHS	White Gloss Smooth		
										VGT	Verde Green Textured		
										Color Option			
										CC	Custom Colors		

Control Options

NX Standalone[3]

NXWS-12F NX hubbNET Wireless Enabled Integral NXSMP2-OMNI PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming

Sensor Controls[3]

SCP-8F Remote control programmable line voltage sensor (8-12' recommended mounting height)[4]

SCP-20F Remote control programmable line voltage sensor (12-20' recommended mounting height) [4]

Accessories (Order Separately)

☐	**SRT1-WG**	Wire Guard
☐	**SRT-MB**	Mounting bracket for pre-installation
☐	**SRT1-BS-XXX**	Bird deterrent shroud for SRT1 version, not available with uplight
☐	**SCP-REMOTE**	Remote control for SCP option; order at least on per project to program and control
☐	**CLEDSJK**	Whiteway stem and junction box

Notes:

1 Must specify voltage

2 Standard wire lead length 24"

3 SP10K, NX and SCP not available with uplight

4 120V or 277V only

PERFORMANCE DATA

Nominal Watts	Nominal Lumens	Distribution	5K (5000K NOMINAL 70 CRI)					4K (4000K NOMINAL 70 CRI)					3K (3000K NOMINAL 70 CRI)				
			Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
15	2500	5C	2470	146.61	1	0	1	2459	145.91	1	0	1	2364	140.30	1	0	1
		5QW	2378	141.15	1	0	1	2367	140.48	1	0	1	2276	135.07	1	0	1
20	3000	5C	3093	136.86	1	0	1	3078	136.21	1	0	1	2960	130.97	1	0	1
		5QW	2974	131.60	1	0	1	2960	130.97	1	0	1	2846	125.93	1	0	1
35	4500	5C	4757	131.05	2	0	1	4734	130.42	2	0	1	4552	125.41	2	0	1
		5QW	4574	126.01	2	0	1	4552	125.41	2	0	1	4377	120.58	2	0	1
55	6500	5C	6814	127.13	2	0	1	6782	126.52	2	0	1	6521	121.66	2	0	1
		5QW	6552	122.24	3	0	1	6521	121.66	3	0	1	6270	116.98	3	0	1

© 2023 HLI Solutions, Inc. All rights reserved. Information and specifications subject to change without notice. All values are design or typical values when measured under laboratory conditions.

L4

BEACON
design . performance . technology

DATE: | LOCATION:

TYPE: | PROJECT:

CATALOG #:

SRT1 EDGE-LIT

CEILING/SURFACE/GARAGE

OUTDOOR LIGHTING CONTROLS OPTIONS

CONTROLS FUNTIONALITY

	Control Option Ordering Logic & Description		Control Option Functionality									Control Option Components	
			Networkable	Grouping	Scheduling	Occupancy/ Motion	Daylight Harvesting	0-10V Dimming	On/Off Control	Bluetooth App Programming	Sensor Height		
NX Wireless	NXWS12F	NX Networked Wireless Enabled Integral NXSMP2-OMNI-O PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming	✓	✓	✓	✓	✓	✓	✓	✓	12ft		NXSMP2-OMNI-O

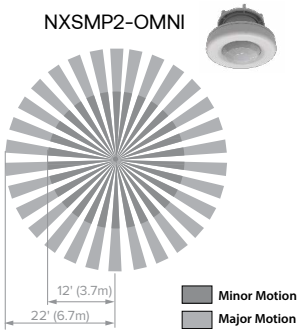
DEFAULT SETTINGS

NX Wireless	
Occupancy Sensor	Enabled
Occupancy Sensor Sensitivity	7
Occupancy Sensor Timeout	15 Minutes
Occupied Dim Level	100%
Unoccupied Dim Level	0%
Daylight Sensor	Disabled
Bluetooth	Enabled
2.4GHz Wireless Mesh	On
"Passcode Factory Passcode: HubbN3T!"	Enabled

Stand Alone	
Occupancy Sensor	Enabled
Occupancy Sensor Sensitivity	7
Occupancy Sensor Timeout	8 Minutes
Occupied Dim Level	100%
Unoccupied Dim Level	50%
Daylight Sensor	Disabled

NX WIRELESS COVERAGE PATTERNS

NXSMP2-OMNI



NX LIGHTING CONTROLS FREE APP

The NX Lighting Controls App is free to use mobile application for programming both NX Lighting Controls System or Standalone Bluetooth Sensors. The mobile app allows you to configure devices, discover and setup wireless enable luminiares and program NX system settings.

Apple App: https://apps.apple.com/us/app/nx-lighting-controls/id962112904

Google Play: https://play.google.com/store/apps/details?id=io.cordova.NXBTR&hl=en_US&gl=US

Apple App

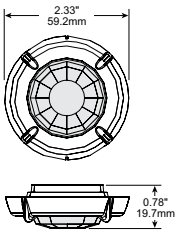
Google Play

CONTROLS TECH SUPPORT 800-888-8006 (7:00 AM - 7:00 PM)

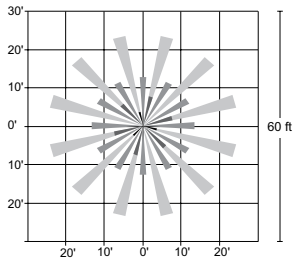
CONTROLS FUNCTIONALITY

	Control Option Ordering Logic & Description		Control Option Functionality									Control Option Components
			Networkable	Grouping	Scheduling	Occupancy/ Motion	Daylight Harvesting	0-10V Dimming	On/Off Control	Bluetooth App Programming	Sensor Height	
Independent	SCP_F	Sensor Control Programmable, sensor range, reference product specification for height selections	-	-	-	✓	✓	✓	✓	-	8ft or 20ft	SCP_F

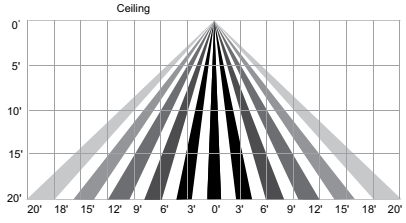
COVERAGE PATTERNS FOR SCP_F



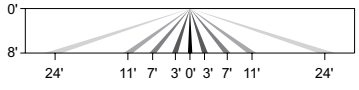
Coverage Top View @ 12ft.



Coverage Side View



Coverage Side View



© 2023 HLI Solutions, Inc. All rights reserved. Information and specifications subject to change without notice. All values are design or typical values when measured under laboratory conditions.

L4

BEACON
design . performance . technology

DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

SRT1 EDGE-LIT

CEILING/SURFACE/GARAGE

ELECTRICAL DATA

Nominal Watts	System Watts	Line Voltage		AMPS AC				Dimming Range	Absolute Voltage Range on 0-10V (+)	
		VAC	HZ	120	208	240	277		VAC	HZ
15	16.9	120-277	50/60	0.14	0.08	0.07	0.06	10% to 100%	0V	10V
20	21.6	120-277	50/60	0.18	0.10	0.09	0.08	10% to 100%	0V	10V
35	34.6	120-277	50/61	0.29	0.17	0.14	0.12	10% to 100%	0V	10V
55	54.9	120-277	50/62	0.46	0.26	0.23	0.20	10% to 100%	0V	10V

PROJECTED LUMEN MAINTENANCE

Ambient Temp.	0	25,000	*TM-21-11 36,000	50,000	100,000	Calculated L_{70} (Hours)
25°C / 77°F	1.00	0.98	0.96	0.95	0.89	278,000
40°C / 104°F	0.99	0.98	0.96	0.94	0.88	264,000

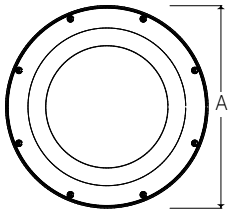
LUMINAIRE AMBIENT TEMPERATURE FACTOR (LATF)

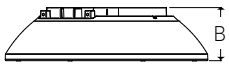
Ambient Temperature		Lumen Multiplier
0°C	32°F	1.03
10°C	50°F	1.01
20°C	68°F	1.00
25°C	77°F	1.00
30°C	86°F	0.99
40°C	104°F	0.98

SRT LUMEN MULTIPLIER CHART

SRT Lumen Multiplier		
CCT	70 CRI	80 CRI
3000K	0.957	0.85
3500K	X	0.91
4000K	0.995	0.95
5000K	1	0.95

DIMENSIONS





A	B	Weight
12" (304mm)	3.1" (78mm)	8lbs (3.6kg)

ADDITIONAL INFORMATION

FINISH OPTIONS

DBT Dark Bronze Textured

BLT Black Textured

PSS Platinum Silver Smooth

GYS Gray Smooth

WHT White Textured

GTT Graphite Textured

© 2023 HLI Solutions, Inc. All rights reserved. Information and specifications subject to change without notice. All values are design or typical values when measured under laboratory conditions.

L4

BEACON
design . performance . technology

SRT1 EDGE-LIT

CEILING/SURFACE/GARAGE

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

ADDITIONAL INFORMATION (CONT'D)

ACCESSORIES

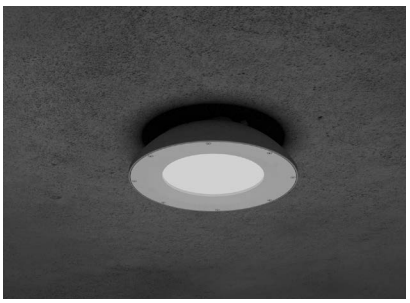
Wire Guard

An optional wire guard can be specified at the factory or as an accessory for field installation.

Bird Deterrent

An optional bird shroud deterrent can be specified at the factory or as an accessory for field installation.

MOUNTING



Surface Mount

Mounting plate with “quick mount” hanger for one person simple installation.

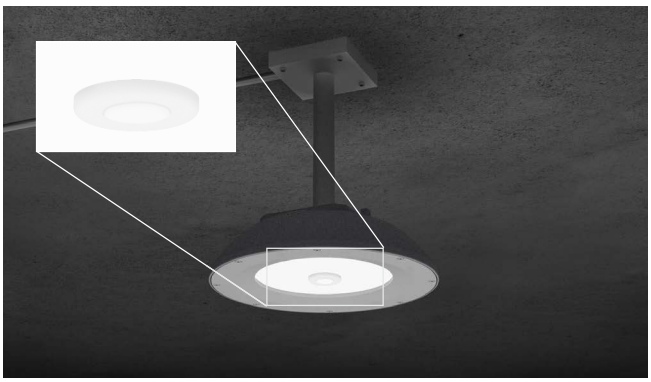
Pendant Mount

Standard 3/4" threaded entry for pendant applications. Pendant available as accessory

CLEDSJK

Whiteway 6 inch stem and junction box

CONTROLS



Standalone Controls

Optional passive infrared sensors are available for basic occupancy and daylight sensing. Programmable via remote or Bluetooth® phone app.

Uplight

Optional uplight module provides 800 lumens of indirect illumination for improved visual quality while eliminating cave effect.

© 2023 HLI Solutions, Inc. All rights reserved. Information and specifications subject to change without notice. All values are design or typical values when measured under laboratory conditions.

L4

BEACON
design . performance . technology

SRT1 EDGE-LIT

CEILING/SURFACE/GARAGE

DATE: | LOCATION:

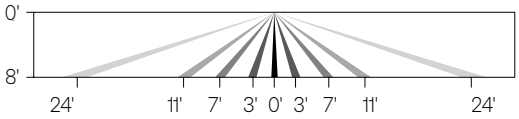
TYPE: | PROJECT:

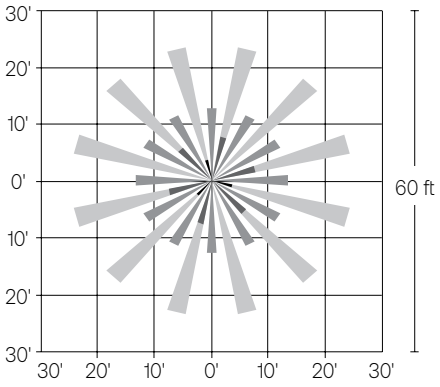
CATALOG #:

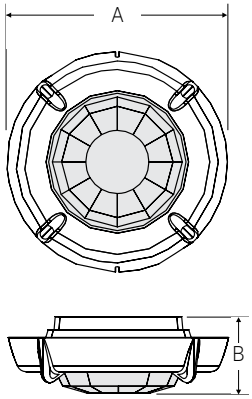
ADDITIONAL INFORMATION (CONT'D)

CONTROLS (CONT'D)

SCP-8F

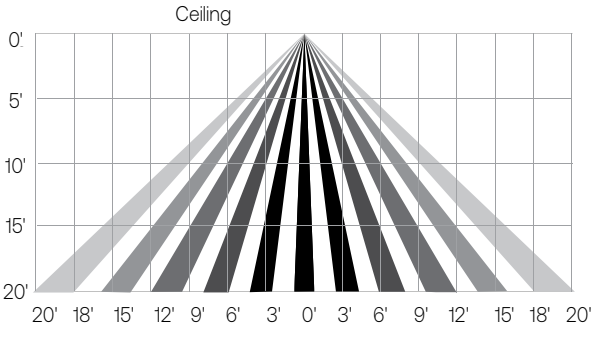


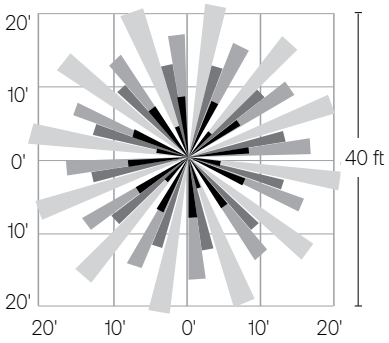


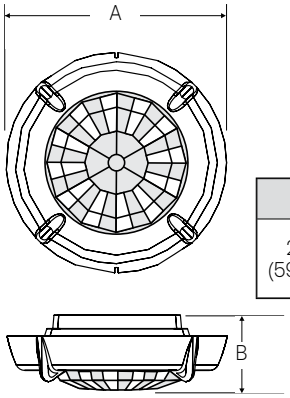


A	B
2.3" (59mm)	.8" (20mm)

SCP-20F

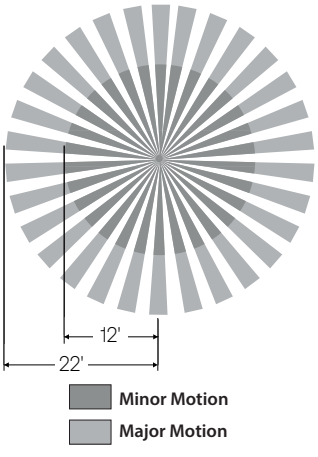


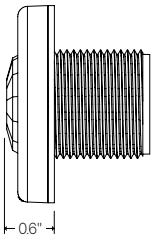


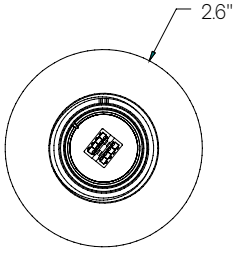


A	B
2.3" (59mm)	.8" (20mm)

NXOS12F







NXSMP-OMNI Range

© 2023 HLI Solutions, Inc. All rights reserved. Information and specifications subject to change without notice. All values are design or typical values when measured under laboratory conditions.

L5

VIA 3 SEAL

WALL
DIRECT
STATIC WHITE, BIOS ST/DY

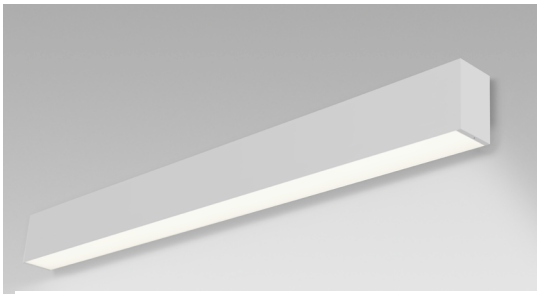
VIA WEATHER SERIES

LUMENWERX

5 YEAR WARRANTY

Project: _____

Type: _____



DESCRIPTION

Sealed with silicone gaskets, Via Seal fixtures are intended for wet locations and can be pendant, surface, wall, or recessed mounted. They can act alone as discrete luminaires, or be arranged in continuous lines or patterns. Via 3 Seal is suitable for wet locations where temperatures are moderate, and in which spaces are regularly wiped down and frequently in contact with debris and/or moisture. The fixture can be used to create continuous, unbroken lines of light. Via 3 Seal is also offered as Wet Listed certified by ETL (Electrical Testing Laboratories), in which case, it is able to withstand smaller particles of debris and light water infiltration. Via 3 Seal Wet Listed can also be used to create continuous lines of light, but with subtle breaks at 12-foot increments. See separate spec sheets for patterns and other available

V3SEALW D WET ASDO SW 80 750 35 4' UNV D1

SENSORS
For latest information on sensors, click here.

IMPORTANT: Fixture must be installed with lens facing down.

IK05

LEVEL 1 LEVEL 2

Up to 113 lm/W performance

Order Guide

LUMINAIRE ID	DISTRIBUTION	ENVIRONMENT [1]	OPTIC	LIGHT SOURCE [4]	CRI
V3SEALW	**D**				
V3SEALW - Via 3" Seal Wall	**D** - Direct	**WET** [2] - Wet Suitable (IP44) **WETL** [2,3] - Wet Listed (IP54) [1] See page 2 for more information on each environment option. [2] Suitable for outdoor environments only when installed under canopy. Not suitable for extreme weather environments. Consult factory for low temperature applications. [3] Can be slightly exposed to water. A minimal shadow line visible at every 12'.	**EPDO** - Environmentally Protected Direct Optic **ASDO** - Asymmetric Soft Direct Optic	**SW** - Static white **BIOSST** - Static biologically-optimized lighting **BIOSDY** - Dynamic biologically-optimized lighting [4] Chromawerx Sola and Duo also available. Consult other spec sheet.	**80** - 80 CRI **90** [5] - 90 CRI [5] Not available with BIOS.

LUMEN PACKAGE	COLOR TEMP.	LUMINAIRE LENGTH	VOLTAGE	DRIVER [11]
500 - Low output 500 lm/ft **750** [6] - Medium output 750 lm/ft **1000** [6] - High output 1000 lm/ft [6] Not available with BIOS.	**27** [7] - 2700K **30** - 3000K **35** - 3500K **40** - 4000K **50** [7] - 5000K [7] Not available with BIOS.	**#FT#IN** [8,9] - Specify nominal length (#) in 1' and/or 1" increments **Standard nominal lengths:** Single units: 2' - 12' Continuous runs: lengths over 12' [8] Minimum 2'. [9] With BIOSDY, specify in 2' increments only.	**120** - 120V **277** - 277V **UNV** - 120V-277V **347** [10] - 347V [10] Available with D1 only.	**D1** - 1% 0-10V **DA** [12] - DALI **LTEA2W** [13] - Lutron 1% - 2 wire FP 120V **LDE1** [12] - Lutron Hi-lume 1% Eco **ELD1** - eldoLED 1% ECOdrive 0-10V **ELD0** - eldoLED 0.1% SOLOdrive 0-10V **RLTD10** [14] - Low-temperature 10% 0-10V [11] PoE (Power-over-Ethernet) compatible. Consult factory for details. [12] On-site commissioning is required. [13] Available with 120V only. [14] Remote driver box required. Suitable for temperatures down to -40°C/F.

ELECTRICAL	ELECTRICAL SECTIONS (optional) [19,20]	POWER FEED	MOUNTING	FINISH	OPTIONS
1C - 1 circuit **#MC** [15] - Multi circuit **EC** - Emergency-powered fixture **NL** - Night light fixture **DL** - Daylight fixture **GTD** [16,17,18] - Generator transfer device fixture [15] Specify total number of circuits (#), including any circuits required for electrical section options. Provide drawing or layout specifications. Minimum 4' section per circuit. [16] Minimum 4' fixture. [17] Not available with 347V. [18] Not available for environments where the ambient temperature falls below 0°C (32°F).	**#EC##** [21] - Emergency-powered section **#NL##** [21] - Night light section **#DL##** [21] - Daylight section **#GTD##** [21,22,23,24] - Generator transfer device section **#EMB** [23,24,25] - Emergency battery **NA** - None [19] Specify with multi circuit (#MC) electrical option only. [20] Provide drawing or layout specifications. Consult factory for other configurations. Default section length is 4'. [21] Specify quantity (#), and section length in inches (##). [22] Minimum 4' section. [23] Not available with 347V. [24] Not available for environments where the ambient temperature falls below 0°C (32°F). [25] Specify quantity (#). All batteries will be on the same circuit. Each battery powers a 4' section.	**BF** - Back feed **TF** - Top feed **EF** - End feed	**DMB** - Drywall mounting bracket **MMB** - Mullion mounting bracket	**W** - Matte white **AL** - Aluminum **WA** - White antimicrobial Silverwerx **CF#** - Custom finish, specify RAL#	**NATA** - Natatorium finish **CRF** - Corrosion-resistant finish **NA** - None

3737 Cote Vertu St-Laurent, Quebec, Canada H4R 2C9
T (514) 225-4304 F (514) 931 -4862
www.lumenwerx.com

Intertek

Lumenwerx reserves the right to modify product specifications without notification.
© Lumenwerx, ULC. All rights reserved.

VIA3SEAL-WALL-SPEC-REV3 September 2, 2022

bios PoE WELL WELL

L5

VIA 3 SEAL

LUMENWERX

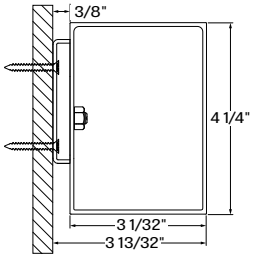
WALL

DIRECT

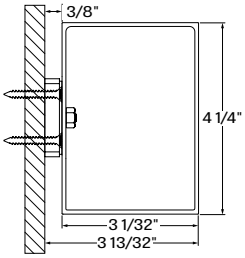
STATIC WHITE, BIOS ST/DY

VIA WEATHER SERIES

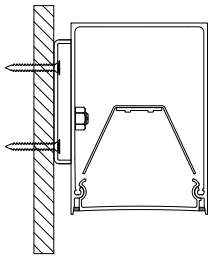
Section Views



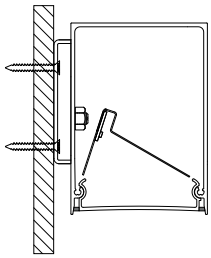
DMB - Drywall mounting bracket



MMB - Mullion mounting bracket



EPDO



ASDO

Environment Options

The Via Weather Series offers four levels of protective sealing: Level 1, Level 2, Level 3, and Level 4.
Via 3 Seal is available with two environment options: Wet Suitable (WET) at Level 1, and Wet Listed (WETL) at Level 2.
For other levels of protective sealing, please see Via Wet spec sheets for Level 3, and Via Splash spec sheets for Level 4.

FEATURES	Wet Suitable (IP44) (WET)	Wet Listed (IP54) (WETL)
Indoor application that requires wipe down	•	•
Healthcare application	•	•
Outdoor application with restrictions: under canopy only	•	•
Outdoor application with restrictions: under canopy, slightly exposed	X	•
Continuous line of light over 12 ft	•	X
Water and dust resistant	•	•
Water and dust protected	X	•
Not suitable for extreme weather applications	•	•
Damp listed	•	X
Wet listed	X	•

3737 Cote Vertu St-Laurent, Quebec, Canada H4R 2C9
T (514) 225-4304 F (514) 931 -4862
www.lumenwerx.com

Lumenwerx reserves the right to modify product specifications without notification.
© Lumenwerx, ULC. All rights reserved.

VIA3SEAL-WALL-SPEC-REV3 September 2, 2022

L5

VIA 3 SEAL

LUMENWERX

WALL

DIRECT

STATIC WHITE, BIOS ST/DY

VIA WEATHER SERIES

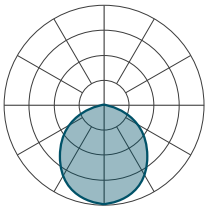
Photometrics

MULTIPLIER TABLE

Please follow the multiplier table to ensure correct lumen value. CCT and CRI, will change the lumen output.

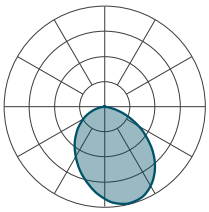
Multiplier - CCT/CRI

CCT (K)	WATTS		LPW	
	CRI 80	CRI 90	CRI 80	CRI 90
2700	1.06	1.27	0.94	0.79
3000	1.02	1.23	0.98	0.81
3500	1.00	1.19	1.00	0.84
4000	1.00	1.18	1.00	0.85
5000	0.95	1.12	1.05	0.89



EPDO - Delivered Lumens at 40K at 80 CRI

LUMENS PER FOOT	TOTAL LUMENS PER 4FT	INPUT WATTS	LPW
500	2000	19.8	101
750	3000	30.7	98
1000	4000	42.3	95



ASDO - Delivered Lumens at 40K at 80 CRI

LUMENS PER FOOT	TOTAL LUMENS PER 4FT	INPUT WATTS	LPW
500	2000	17.7	113
750	3000	27.9	107
1000	4000	39	103

3737 Cote Vertu St-Laurent, Quebec, Canada H4R 2C9
T (514) 225-4304 F (514) 931 -4862
www.lumenwerx.com

Lumenwerx reserves the right to modify product specifications without notification.
© Lumenwerx, ULC. All rights reserved.

L5

VIA 3 SEAL

WALL
DIRECT
STATIC WHITE, BIOS ST/DY
VIA WEATHER SERIES

LUMENWERX

Technical Specifications

OPTICS

Environmentally Protected Direct Optic (EPDO)
The Environmentally Protected Direct Optic creates a seal that blocks debris and moisture, and withstands UV distortion and moderate impact. This extruded snap-in lens has a gasket to ensure proper sealing. The lens is 1/16" thick and made of frosted polycarbonate. Internally, white, side kicking reflectors guide the light through the lens. The EPDO suits moderate climate environments.

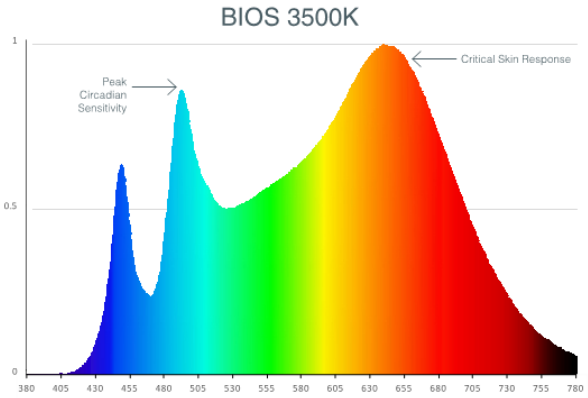
Asymmetric Soft Direct Optic (ASDO)
The Asymmetric Soft Direct Optic creates a seal that blocks debris and moisture, and withstands UV distortion and moderate impact. This extruded snap-in lens has a gasket to ensure proper sealing. The lens is 1/16" thick and made of frosted polycarbonate. Internally, white, side kicking reflectors specifically angled to guide the light through the lens to create a nice asymmetric distribution. The ASDO suits moderate climate environments.

LIGHT SOURCE

Custom linear array of mid-flux LEDs are cartridge-mounted with quick-connect wiring to facilitate service and thermal management. Available in 2700K, 3000K, 3500K, 4000K and 5000K with a minimum 80 CRI and an option for 90 CRI with elevated R9 value. Color consistency maintained to within 3 SDCM. LEDs operated at reduced drive current to optimize efficacy and lumen maintenance.
All LEDs have been tested in accordance with IESNA LM-80-08 and the results have shown L80 lumen maintenance greater than 60,000 hours. Absolute product photometry is measured and presented in accordance with IESNA LM-79, unless otherwise indicated.

bios ILLUMINATED

BIOS SkyBlue™ Technology is designed to provide the specific circadian stimulus to improve overall sleep quality, recovery during the night, and overall feelings of well-being.
The non-visual light signals that stimulate our circadian system have peak intensity in the "sky blue" region. As the diagram below illustrates, BIOS SkyBlue technology shifts the peak LED spectral intensity (490 nm) to align better with the peak response of circadian stimulus. Also note the enhanced deep-red (near 660 nm) spectrum.



WELL for Light - The WELL building standard focuses on light quality in several features. There are three categories that are fully attributed to the construction and features of a luminaire. In WELL V1, it's Feature 54 Circadian Lighting, Feature 55 Glare Control, and Feature 58 Color Quality. In WELL V2, it's Feature L03 Circadian Lighting, Feature L04 Glare Control, and Feature L07 Electric Light Quality.

This fixture meets Features:
- Feature 54 or L03 when BIOS LED is selected
- Feature 55 or L04 meets WELL glare category (c-d) (not applicable with 1000 lm/ft)
- Feature 58 or L07 when 90 CRI is selected

All LED drivers used at Lumenwerx are deemed to have a low risk level of flicker, of 5 % or less below 90Hz operational as defined by IEEE standard 1789-2015 LED.

WELL for Mind -This luminaire meets WELL for mind as it is a human centric luminaire offering quality light, excellent color, and smooth optics. If any of these features are incorporated in a luminaire, it can improve the ability to focus, concentrate, and persist longer on a given task. This fixture harmoniously operates in a space to assist the mind.

For more information, please contact well@lumenwerx.com

3737 Cote Vertu St-Laurent, Quebec, Canada H4R 2C9
T (514) 225-4304 F (514) 931 -4862
www.lumenwerx.com

Lumenwerx reserves the right to modify product specifications without notification.
© Lumenwerx, ULC. All rights reserved.
VIA3SEAL-WALL-SPEC-REV3 September 2, 2022

L5

VIA 3 SEAL

WALL
DIRECT
STATIC WHITE, BIOS ST/DY
VIA WEATHER SERIES

LUMENWERX

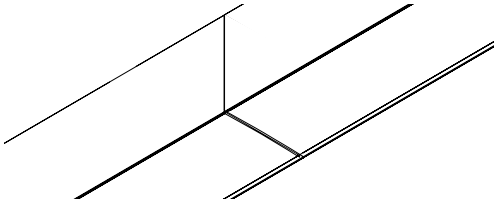
LUMINAIRE LENGTH

Via 3 Seal is available in standard lengths of 2' to 12'. Continuous runs are available for run lengths over 12'. Exact run length must be noted in the product code. The minimum length is 2' and can be ordered in 1' and/or 1" increments. All individual sections are joined together onsite using the joiner kits provided. Lumenwerx joiner kits are extremely simple to work with in the field and result in a fixture that appears virtually seamless with no light leak at any connection.

JOINING SYSTEM

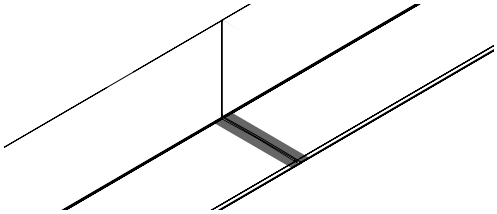
All individual sections are joined together onsite using the ¼"-20 screws and nuts provided. With the Wet Suitable (WET) option, the junction between two adjacent sections creates a continuous line of light without shadows. With the Wet Listed (WETL) option, the junction between two adjacent sections is sealed with a silicone gasket, creating a slight visible break in the line of light every 12 ft.

Wet Suitable - WET



Continuous line of light

Wet Listed - WETL



Visible break in line of light

ELECTRICAL

Factory-set, adjustable output current LED driver with universal (120-277VAC) input. Dimmable from 100% to 1% with 0-10V dimming control. Rated life (90% survivorship) of 50,000 hours at 50°C max. ambient (and 70°C max. case) temperature. At maximum driver load: Efficiency>84%, PF>0.9, THD<20%. Other specifiable options include Lutron Hi-Lume 1% (specify 2-wire, or Ecosystem Dim-to-Off), eldoLED 1% ECOdrive 0-10V, eldoLED 0.1% SOLOdrive 0-10V, and DALI protocol drivers. All of our standard 0-10V drivers are NEMA 410 compliant. An optional low-temperature 10% 0-10V driver, suitable for temperatures down to -40°C/F is also available.

PoE

Depending on the PoE manufacturer selected, Lumenwerx will install the node in factory as either integral to the luminaire or as a remote module. Factory programming of the PoE node may or may not enable the following functionalities: lumen package, Duo (tunable white), emergency battery backup, and sensor integration. These must be addressed and evaluated on a case-by-case basis.

ELECTRICAL SECTION OPTIONS

Electrical section options are available for fixtures specified as multi circuit (#MC). With MC, specify the total number of circuits (#), including any circuits required for optional electrical sections. A drawing is required to specify the layout. Please consult factory for custom configurations.

Electrical sections

Options include emergency-powered light (#EC##), night light (#NL##), daylight (#DL##), and generator transfer device (#GTD##) sections. Specify the quantity (#), as well as the section length in inches (##).

Example 1: A 32' Direct fixture with two 8' emergency light sections on a second circuit.
Code: 2MC-2EC96

Example 2: A 24' Direct fixture with one 4' generator transfer device section.
Code: 1MC-1GTD48

Battery

Each emergency battery (#EMB) powers a 4' section. All batteries will be on the same circuit. Specify the number of batteries (#) required.
Factory installed long life, high temperature, maintenance-free Lithium-Ion battery pack with self-test functionality, test switch and charge indicator. Minimum of 90 minutes operation, up to 1000 lumens per 4' (25°C) emergency lighting output and recharge time of 24 hours. Suited for ambient temperatures of 0°C (32°F) to 55°C (131°F).

Generator Transfer Device (GTD)

A UL924 listed shunt relay that can bypass both line voltage (120-277V) and 0-10V dimming signal. Suited for ambient temperatures of 0°C (32°F) to 60°C (140°F).

LUMINAIRE MAINTENANCE

LED arrays and drivers are accessible through the optical chamber and easily replaced.

3737 Cote Vertu St-Laurent, Quebec, Canada H4R 2C9
T (514) 225-4304 F (514) 931 -4862
www.lumenwerx.com

Lumenwerx reserves the right to modify product specifications without notification.
© Lumenwerx, ULC. All rights reserved.
VIA3SEAL-WALL-SPEC-REV3 September 2, 2022

L5

VIA 3 SEAL

LUMENWERX

WALL

DIRECT

STATIC WHITE, BIOS ST/DY

VIA WEATHER SERIES

MOUNTING OPTIONS

Fixtures may be horizontally mounted to either a wall or a mullion using a bracket. For long runs, a minimum of 6" from adjacent walls is required.

FINISH

Interior - 95%, reflective matte powder coated white paint
Exterior - Powder-coat paint in matte white or aluminum. Custom finishes are also available. Optional antimicrobial finish.

CONSTRUCTION

Housing - Extruded aluminum (0.095" nominal) up to 90% recycled content
Interior brackets - Die-formed cold rolled sheet steel 18 gauge thick
Joining system (WETL) - 16 gauge steel joiners and closed-cell silicone foam joiner gasket
Reflectors - Cold rolled steel 0.024” thick precisely die-formed, 95% reflective matte white painted
End cap - aluminum die-cast (0.100" nominal)
End cap gasket - 1/16" closed-cell silicone foam
Drywall mounting bracket - 1/16" thick steel bracket with stainless steel PEM studs and sealing washers
Mullion mounting bracket - Die-cast aluminum

WEIGHT

Via 3 Seal 4ft - 12.8 lbs - 5.8 kg
Via 3 Seal 8ft - 23.6 lbs - 10.7 kg
Via 3 Seal 12ft - 34.4 lbs - 15.6 kg

CERTIFICATIONS

ETL - WET environment option is rated for dry/damp locations. WETL environment option is ETL Wet Listed. Conforms to UL Standard 1598 and certified to CAN/CSA Standard C22.2 No. 250.0. During the installation of WETL fixtures, the contractor is responsible for properly sealing all mounting and electrical connection points.
IK05 - Impact resistance rated to IK05.

WARRANTY

Lumenwerx provides a five-year limited warranty on electrical and mechanical performance of the luminaires, including the LED boards, drivers, and auxiliary electronics. Lumenwerx will repair or replace defective luminaires or components at our discretion, provided they have been installed and operated in accordance with our specifications. Other limitations apply, please refer to the full warranty on our website.

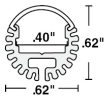
3737 Cote Vertu St-Laurent, Quebec, Canada H4R 2C9
T (514) 225-4304 F (514) 931 -4862
www.lumenwerx.com

Lumenwerx reserves the right to modify product specifications without notification.
© Lumenwerx, ULC. All rights reserved.
VIA3SEAL-WALL-SPEC-REV3 September 2, 2022

L6

ESSENTIALS ROND-FLAT (01) STATIC WHITE

Linear Fixtures - Surface



- Surface mount linear fixture
- Choose from diffused, frosted or clear lens options
- Unique round profile can be rotated up to 45° in field with inlcuded mounting clips
- Stainless steel mounting clips
- Features painted end caps to match extrusion finish
- Suitable for installation in the storage area of a clothes closet when specified with LEDs at 4.0 watts or less per foot per NEC regulations

1 PRODUCT	2 WATTS/ FT	3 CCT	4 RATED	5 EFFICIENCY	6 LENS	7 WIRE INPUT/ OUTPUT	8 CONNECTOR/ WIRE IN	9 CONNECTOR/ WIRE OUT	10 WIRE COLOR	11 WIRE TYPE	12 MOUNTING	13 FINISH	14 LENGTH (IN)	15 EXACT/ OPTIMAL
RD1SW				STD							SST			

Sample Part Number: **RD1SW-5.0-30-DRY-STD-DF-P1-BW-BW-BK-CL2-SST-BK-48"-E**

1 PRODUCT

RD1SW

See following pages for compatible power supplies.

2 WATTS/FT

1.5	1.5W/ft
3.0	3.0W/ft
4.0	4.0W/ft
5.0	5.0W/ft
3.0HE+	3.0W/ft HE+
6.0HE+	6.0W/ft HE+
1.5	1.5W/ft
3.0	3.0W/ft
4.0	4.0W/ft
5.0	5.0W/ft

3 CCT

20	2000K
22	2200K
24	2400K
27	2700K
30	3000K
35	3500K
40	4000K
27	2700K
30	3000K
35	3500K
40	4000K
24	2400K
27	2700K
30	3000K
35	3500K
40	4000K

4 RATED

DRY	IP20
DMP	IP54

5 EFFICIENCY

STD	Standard

6 LENS

DF	Diffused
FR	Frosted
CL	Clear

For representation of LED visibility, see Diode Visibility section on following pages. For beam angles, see Photometric Performance section on following pages

7 WIRE INPUT/OUTPUT

S1	Single 1 (Input only) - End Feed
P1	Pass Through 1 (Input/output) - End Feed

8 CONNECTOR/WIRE IN

BW	Bare Wire (Standard 24")
BRL	Barrel
CON6	Connector 6"
CON24	Connector 24"

Connector/Wire In not needed to specify product. Typical selection is BW.
BW: Standard length is 24", Max length is 120". Request custom length by writing in part number next to BW (example: BW48)

BW	Bare Wire (Standard 24")
BRL	Barrel
CON6	Connector 6"
CON24	Connector 24"

Connector/Wire In not needed to specify product. Typical selection is BW.
BW: Standard length is 24", Max length is 120". Request custom length by writing in part number next to BW (example: BW48)

9 CONNECTOR/WIRE OUT

CLS	Closed End (No feed)

BW	Bare Wire (Standard 24")
BRL	Barrel
CON6	Connector 6"
CON24	Connector 24"

Connector/Wire Out not needed to specify product. Typical selection is CLS or BW.
BW: Standard length is 24", Max length is 120". Request custom length by writing in part number next to BW (example: BW48)

10 WIRE COLOR

WH	White
BK	Black
N/A	For Barrel

11 WIRE TYPE

CL2	Class 2
CL2P	Plenum Rated
N/A	For Barrel

CL2P only available with bare wire leads (BW)

12 MOUNTING

SST	Stainless Steel

13 FINISH

ST	Satin
BK	Black
CU	Custom

14 LENGTH (IN)

Fixture length min 12", max 98.43" not including end caps. Tolerance +0 – 1/8". Consult factory for lengths under 12". Max continuous length: 3.0HE+ - 196", 6.0HE+ - 118"

15 EXACT/OPTIMAL

O	Optimal Illumination
E	Exact Specified Length

Exact fixtures are the length specified. Optimal fixtures' length is rounded down with illumination end to end. All fixtures' tolerance is +0 – 1/8". See charts on following pages.

5 year warranty | Warranty only valid with QTL power supplies | Field modifications void warranty | Data subject to change, all data has +/- 5% tolerance

© 2024 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | www.QTL.lighting

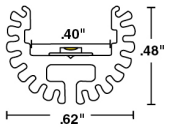
Specification subject to change. Rev-06-04-24

L6

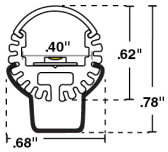
ESSENTIALS ROND-FLAT (01) STATIC WHITE

Linear Fixtures - Surface

1 PRODUCT - DIMENSIONS



Profile



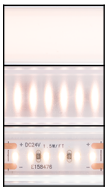
Profile with stainless steel mounting clip

2 DELIVERED LUMENS

[Calculated L70 = 70000 hrs, L70 = 50000 for HE+]
Tested with RD1SW-**-30-DRY-STD

	1.5 W/FT		3.0 W/FT		3.0HE+ W/FT		4.0 W/FT		5.0 W/FT		6.0HE+ W/FT	
	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI
CL	143	98	249	98	487	92	309	98	376	98	899	92
FR	140	98	243	98	476	92	303	98	368	98	880	92
DF	122	98	213	98	416	92	264	98	322	98	769	92

6 DIODE VISIBILITY



DF - Diffused lens

FR - Frosted lens

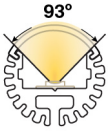
CL - Clear lens

PHOTOMETRIC PERFORMANCE

Nominal beam spread shown, beam spread varies based on light engine. For more detailed information, see photometric data.

CL

93°



Clear 93°

TEMPERATURE RATINGS

		1.5 W/FT		3.0 W/FT		3.0 HE+ W/FT		4.0 W/FT		5.0 W/FT		6.0 HE+ W/FT	
		Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
DRY	Ambient Operating Temp - Surface	-4°F	140°F	-4°F	125°F	-13°F	130°F	-4°F	125°F	-4°F	115°F	-13°F	105°F
DMP	Ambient Operating Temp - Surface	-4°F	135°F	-4°F	120°F	**	**	-4°F	120°F	-4°F	110°F	**	**

© 2024 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | www.QTL.lighting

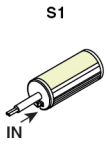
L6

ESSENTIALS ROND-FLAT (01) STATIC WHITE

Linear Fixtures - Surface

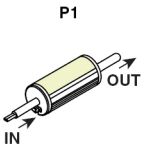
7 WIRE INPUT/OUTPUT

SINGLE (Input only)



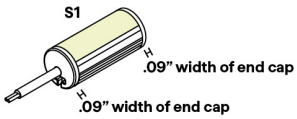
End Feed

PASS THROUGH (Input/Output)

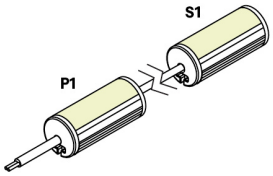


End Feed

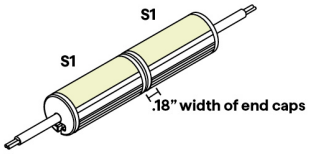
CONFIGURATION OPTIONS



Single End Feed



Non-Continuous End Feed

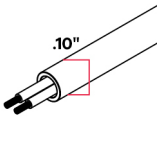


Continuous End to End Feed

8 / 9 CONNECTOR/WIRE – IN/OUT

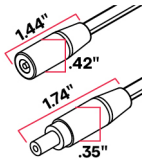
Connector/Wire In or Out not needed to specify product. Standard configuration is BW for Wire In and CLS for Wire out

BW



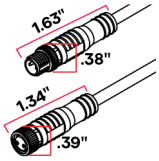
Bare Wire 24"
Stranded 22 AWG

BRL



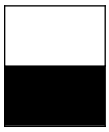
Barrel 6" - DRY/DMP | 22 AWG

CON6/CON24



6" or 24" Overall
Wire Connector | 22 AWG
IP67 Rated, UL Listed

10 WIRE COLOR

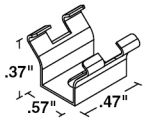


White

Black

12 MOUNTING

SST



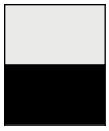
Stainless Steel Clip

2 clips provided for 4' or less; 4 clips provided for greater than 4'

To order separately use SST-07

Each clip comes with a #4 x 5/8" Flat Head SS

13 FINISH



Satin

Black

Custom color available

© 2024 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | www.QTL.lighting

Specification subject to change. Rev-06-04-24

L6

ESSENTIALS ROND-FLAT (01) STATIC WHITE

Linear Fixtures - Surface

15 EXACT/OPTIMAL FIXTURE LENGTH

REFERENCE IMAGE OF OPTIMIZED 12" FIXTURE WITH DIFFUSED LENS

S1

RD1SW-**-**-DRY-STD-DF-S1-**-CLS-**-**-SST-**-12"-O

P1

RD1SW-**-**-DRY-STD-DF-P1-**-**-**-**-SST-**-12"-O

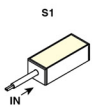
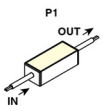
SW DRY, DMP LENGTHS BY INCH

Available in any length in between 12" and 98.43", chart below shows example lengths. Exact fixtures are the length specified. Optimal fixtures' length is rounded down with illumination end to end. All fixtures' tolerance is +0 – 1/8". Consult factory for lengths under 12".

EXACT LENGTH

Requested Length	Potential dim spot on either end of fixture
12"	.5"
13"	.5"
14"	.5"
15"	.5"
16"	.5"
17"	.5"
18"	.5"
19"	.5"
20"	.5"
21"	.5"
22"	.5"
23"	.5"
24"	.5"
36"	.5"
48"	.5"
60"	.5"
72"	.5"
84"	.5"
96"	.5"

OPTIMAL LENGTH

Requested Nominal Length	S1	P1
	S1  End Feed	P1  End Feed
12"	11.5"	11.75"
13"	12.5"	12.75"
14"	13.5"	13.75"
15"	14.5"	14.75"
16"	15.5"	15.75"
17"	16.5"	16.75"
18"	17.5"	17.75"
19"	18.5"	18.75"
20"	19.5"	19.75"
21"	20.5"	20.75"
22"	21.5"	21.75"
23"	22.5"	22.75"
24"	23.5"	23.75"
36"	35.5"	35.75"
48"	47.5"	47.75"
60"	59.5"	59.75"
72"	71.5"	71.75"
84"	83.5"	83.75"
96"	95.5"	95.75"

© 2024 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | www.QTL.lighting

L6

ESSENTIALS ROND-FLAT (01) STATIC WHITE

Linear Fixtures - Surface

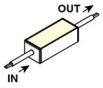
SW-HE+ DRY LENGTHS BY INCH

Available in any length in between 12" and 98.43", chart below shows example lengths. Exact fixtures are the length specified. Optimal fixtures' length is rounded down with illumination end to end. All fixtures' tolerance is +0 – 1/8". Consult factory for lengths under 12".

EXACT LENGTH

Requested Length	Potential dim spot on either end of fixture
12"	1"
13"	0.5"
14"	1"
15"	0.5"
16"	1"
17"	0.5"
18"	1"
19"	0.5"
20"	1"
21"	0.5"
22"	1"
23"	0.5"
24"	1"
36"	1"
48"	1"
60"	1"
72"	1"
84"	1"
96"	1"

OPTIMAL LENGTH: highlighted rows are closest to requested nominal length

Requested Nominal Length	S1	P1
	End Feed	 End Feed
12"	10.5"	10.75"
13"	12.5"	12.75"
14"	12.5"	12.75"
15"	14.5"	14.75"
16"	14.5"	14.75"
17"	16.5"	16.75"
18"	16.5"	16.75"
19"	18.5"	18.75"
20"	18.5"	18.75"
21"	20.5"	20.75"
22"	20.5"	20.75"
23"	22.5"	22.75"
24"	22.5"	22.75"
36"	34.5"	34.75"
48"	46.5"	46.75"
60"	58.5"	58.75"
72"	70.5"	70.75"
84"	82.5"	82.75"
96"	94.5"	94.75"

COMPATIBLE POWER SUPPLIES

See power supplies cut sheets for more information. Data subject to change, all data has +/- 5% tolerance.

DIM TO LEVEL	INDOOR	
	SW24/1.5-4.0	SW24/5.0, SW-HE, SW-HE+
Dim to Black	Q6M-DC+CAP QTM-DC+CAP iQ-PH iQ-PH+QD1	Q6M-DC+CAP QTM-DC+CAP iQ-PH iQ-PH+QD1
0.1%	QT-CAB-QZ-PH/0-10V QT-CAB-eLED+0-10V QT-CAB-eLED-ND QTM-eLED+0-10V QTM-eLED-AWN QZ-DMX QZ-PH/0-10V QZ-STICK-PH/0-10V QZLP	QT-CAB-QZ-PH/0-10V QT-CAB-eLED+0-10V QT-CAB-eLED-ND QTM-eLED+0-10V QTM-eLED-AWN QZ-DMX QZ-PH/0-10V QZ-STICK-PH/0-10V QZLP
1%	QTM-eLED(E) QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT6-AWN	QTM-eLED(E) QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT6-AWN
10%	Non-Dim Power Supply with SW App Dongle	Non-Dim Power Supply with SW App Dongle

© 2024 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | www.QTL.lighting

L6

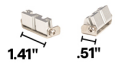
ESSENTIALS ROND-FLAT (01) STATIC WHITE

Linear Fixtures - Surface

DIMMING PROTOCOL	INDOOR	
	SW24/1.5-4.0	SW24/5.0, SW-HE, SW-HE+
Non-Dim	QTM-eLED-ND QZ-ND	QTM-eLED-ND QZ-ND
Phase	Q6M-DC+CAP QT-CAB-QZ-PH/0-10V QTM-DC+CAP QTM-eLED(E) QZ-PH/0-10V QZ-STICK-PH/0-10V QZLP iQ-PH iQ-PH+QD1	Q6M-DC+CAP QT-CAB-QZ-PH/0-10V QTM-DC+CAP QTM-eLED(E) QZ-PH/0-10V QZ-STICK-PH/0-10V QZLP iQ-PH iQ-PH+QD1
0-10V	QT-CAB-QZ-PH/0-10V QT-CAB-eLED+0-10V QT-CAB-eLED-ND QTM-eLED+0-10V QTM-eLED-AWN QZ-PH/0-10V QZ-STICK-PH/0-10V QZLP	QT-CAB-QZ-PH/0-10V QT-CAB-eLED+0-10V QT-CAB-eLED-ND QTM-eLED+0-10V QTM-eLED-AWN QZ-PH/0-10V QZ-STICK-PH/0-10V QZLP
Lutron Athena	QTM-eLED+DALI-DT6-AWN QTM-eLED-AWN	QTM-eLED+DALI-DT6-AWN QTM-eLED-AWN
ECO System	QTM-eLED(E)	QTM-eLED(E)
DMX	QZ-DMX	QZ-DMX
DALI-2: DT6	QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT6-AWN	QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT6-AWN
SCENE App Dimmed	Non-Dim Power Supply with SW App Dongle	Non-Dim Power Supply with SW App Dongle

COMPATIBLE MOUNTING ACCESSORIES

HINGE - HMB-S

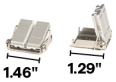


Adjustable mounting bracket - Small

HINGE - HMB-M

Adjustable mounting bracket - Medium

HINGE - HMB-L



Adjustable mounting bracket - Large

HINGE - HMB-XL

Adjustable mounting bracket - XLarge

Q-PIVOT

Small mounting accessory

Q-ANGLE

Adjustable mounting accessory

COMPATIBLE WIRING ACCESSORIES

Q-mini-J

UL Listed, miniature junction box

BARREL-EXT

8ft barrel cable extender

BARREL FOUR-FER

Splits lead from one to four LED Barrel connector fixtures

CON120-EXT

10ft Con cable extender

CON FOUR-FER

Splits lead from one to four LED Con connectors

CON M - BARREL F

Male con to barrel cable adaptor

COMPATIBLE CONTROL ACCESSORIES

SCENE APP DONGLE

Wi-Fi or Bluetooth Connectivity

© 2024 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | www.QTL.lighting

Specification subject to change. Rev-06-04-24

L6

ESSENTIALS ROND-FLAT (01) STATIC WHITE

Linear Fixtures - Surface

COMPATIBLE APPS

SCENE APP

Create and control scenes and automations

© 2024 QTL. All rights reserved | 155 Hill St. Milford, CT 06460 | 203-367-8777 | sales@QTL.lighting | www.QTL.lighting

L7

ENDURASCAPE Bollard Turtle Safe LED Specifications

Project Name:

Catalog Number:

Type:

The **Endurascape** series of concrete bollards are designed to enhance and blend with architectural and natural landscapes. Beautifully crafted with textured finishes in a variety of shapes and cast grill louver designs. Optics provide smooth, 360-degree symmetrical low level illumination. 590 nm diode supplied as standard. Durably built for weather and vandal resistance. Ideal for walkways, entrances, promenades, plazas, courtyards, driveways, bridges and landscaped areas.

Ordering Information

MODEL	OPTICS	SOURCE	CURRENT	KELVIN	VOLTAGE	MOUNTING	FINISH	OPTIONS
EDS-1A 8" Round **EDS-1B** 11" Round **EDS-2** 11" Round Flat Top **EDS-3A** 11" Square **EDS-4A** 11" Square Pyramid Top	**COG** 45° Cutoff Grill 8" Only **COG** 45° Cutoff Grill 11" Only **HZG** Horizontal Grill 11" Only 	**20LC**	**3** 350mA **5** 530mA	**TS** (590 nm)	**UNV** 120-277V	**AB** Anchor Base Consult Factory	Louver Colors **BZ** Bronze **BK** Black **WH** White **FG** Forest Green **GY** Grey **SL** Silver Metallic **CC** Custom Color Concrete Textures **LT** Light **MD** Medium **HV** Heavy	**ILS** Internal Light Shield

L7

Features & Specifications ENDURASCAPE Bollard Turtle Safe

Housing
• Steel-reinforced pre-cast hollow core concrete in round or square shapes, four top styles and three textured finishes.
• Rugged cast aluminum grill louvers with 45° cutoff or horizontal cutoff.

Thermal Management
• The Endurascape Bollard Series provides excellent overall thermal management by maximizing the fixture's heat sink capabilities. This enables the Endurascape Bollard Series to withstand higher ambient temperatures and drive currents without degrading LED life.
• The Endurascape Bollard Series has a very low thermal resistance rating.
• The L70 test determines the point in an LEDs life when it reaches 70 percent of its initial output.
• The Endurascape Bollard Series LEDs have been determined to last a minimum of 100,000+ hours in 25° C environments when driven at 175 mA.

Optical System
• Uniform Type V symmetrical light distribution.
• Optional internal light shield for Type III distribution.
• The highest lumen output LEDs are utilized in the Endurascape Bollard Series. Aluminum stack louver, or 45° cutoff grill provides Type V symmetrical light distribution. LED light assemblies come in 20 LEDs.
• 590 nm diode supplied as standard.

Lens
Clear, high-impact-resistant acrylic, with silicone gasketing for a weather-tight seal. An optional internal light shield is available.

Quali-Guard® Finish
• The louver finish is a Quali-Guard® textured, chemically pretreated through a multiple-stage washer, electrostatically applied, thermoset polyester powder coat finish, with a minimum of 3-5 mil thickness. Finish is oven-baked at 400° F to promote maximum adherence and finish hardness.
• All finishes are available in standard and custom colors.
• Finish is guaranteed for five (5) years.

Mounting
The Endurascape Bollard Luminaire is easily mounted with anchor bolt kit.

Electrical Assembly
• The Endurascape Bollard Series is supplied with a choice of 350 or 530 mA high-performance LED drivers that accept 120v 50 Hz to 60 Hz, input.
• 40° to 40° C operating temperature.
• 10 kV surge protector supplied as standard.

Warranty
Five (5) year Limited Warranty on entire system, including finish. For full warranty information, please visit VisionaireLighting.com.

Options
• Internal Light Shield

Listings
• The Endurascape Bollard is cUL Listed, suitable for wet locations.
• Powder Coated Tough™
• IDA Certification
• Turtle Safe

19645 Rancho Way • Rancho Dominguez, CA 90220 • Phone: 310 512 6480 Fax 310 512 6486
www.visionairelighting.com

L7

ENDURASCAPE Bollard Turtle Safe LED Specifications

Photometric Optical Summary

Not all optics are available on all fixtures. Check ordering chart for availability

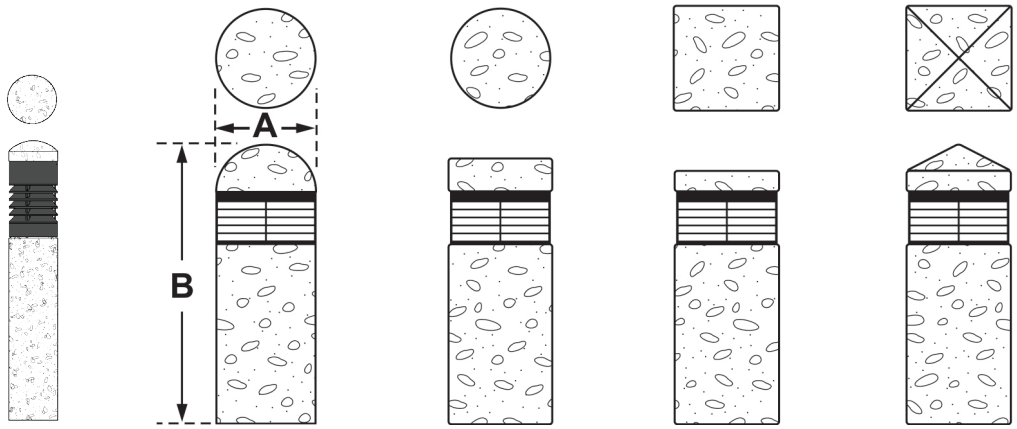
COG
45° Cutoff Grill - 8" Only

COG
45° Cutoff Grill - 11" Only

HZG
Horizontal Grill - 11" Only

Dimensions

Model	EDS-1A	EDS-1B	EDS-2	EDS-3A	EDS-4A
Description	Round/ Round Top	Round/ Round Top	Round/ Flat Top	Square/ Flat Top	Square/ Pyramid Top
Width (A)	8"	11"	11"	11"	11"
Height (B)	43.5"	42.0"	40.25"	41.0"	43"
Weight	275	325	320	275	325



EDS-1A
8" Round

EDS-1B
11" Round

EDS-2
11" Round
Flat Top

EDS-3A
11" Square

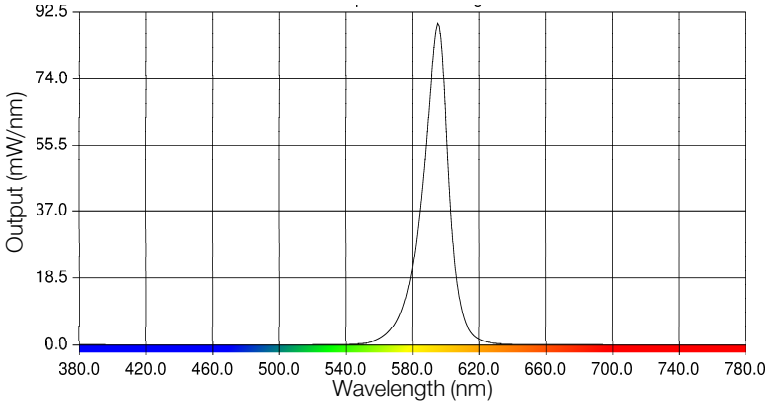
EDS-4A
11" Square
Pyramid Top

EDS-1A Turtle Safe LUMEN DATA			
# LEDs	**Current mA**	**EDS-1A**	**Watts**
20	**350**	185	**20**
	530	296	**32**
EDS-1A Turtle Safe LPW DATA			
20	**350**	9	**20**
	530	9	**32**

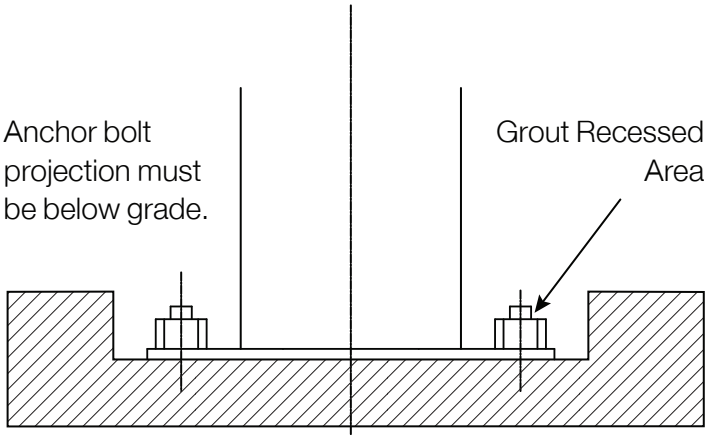
EDS-1A Turtle Safe BUG DATA					
# LEDs	**Current mA**	**EDS-1A**			**Watts**
		B	**U**	**G**	
20	**350**	0	2	0	**20**
	530	0	2	1	**32**

EDS Wildlife Certified - ELECTRICAL LOAD (A)							
Ordering Nomenclature	**System Watts**	**120**	**208**	**240**	**277**	**347**	**480**
EDS-1A-COG-20LC-3	**20**	0.17	0.10	0.08	0.07	0.06	0.04
EDS-1A-COG-20LC-5	**32**	0.27	0.15	0.13	0.12	0.09	0.07

Output Vs. Wavelength



Base Detials

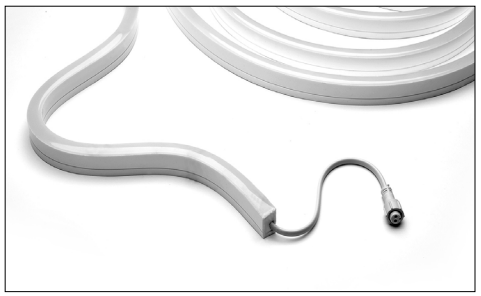


L8

HYDROFLEX SIDE

datasheet

Hydroflex Side is a square flexible linear LED strip for straight or bent/ curved installation. Rated IP68, it is suitable for indoor or outdoor use. It has a double power cable with male/female connectors included, suitable for in-line installation. NOT SUITABLE FOR SUBMERSION.

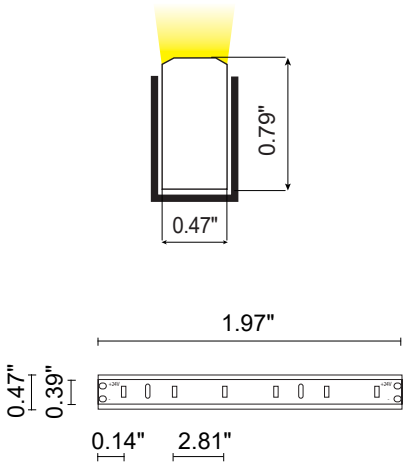


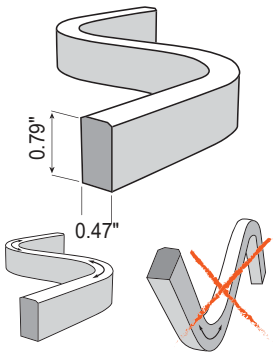
TECHNICAL DATA

Wattage / Input	10W per 3.28’ (24VDC) Available in 3.28’ (10W), 13.12’ (40W)
Power Supply	Remote, not included. See page 2.
Construction	Body: High Performance Polyurethane, UV and Saltwater Resistant Lens: Opal Diffused
CCT	3000K, RGB
Delivered Lumens	750 lm per 3.28’
Efficacy	75 lm/W per 3.28’
Optics	Diffuse
Finishes	Milky Opaque
Fixture Dimensions	0.47” w x 1.97” l
LED Source	140 Low Power Lumileds LED SMD3014 per 3.28’
IP Rating	IP68
IK Rating	-

Not cuttable in the field or warranty is voided

Fixture Dimensions





ORDERING INFORMATION

Example: 401804P-30K-DIF-OP Accessories/Power Supplies ordered separately.

	-	-	DIF - OP

Model No.	CCT	DIF	Finish
401804P - 3.28’	**30K** - 3000K	**DIF** - Diffuse	**OP** - Opaque (Milky)
401805P - 13.12’	**RGB** - RGB		

Job Name/Date:

Fixture Type Designation:

sales@designplan.com
www.designplan.com

79 Trenton Avenue, Frenchtown NJ 08825

© Copyright 2019 Designplan Lighting, Inc.

Published: February 14, 2023

P: 908-996-7710
F: 908-996-7042

L8

HYDROFLEX SIDE

designplan®

datasheet

SUGGESTED POWER SUPPLIES

24VDC

Part Number	Description	Input/Output	3.28' # of Fixtures	13.12" # of Fixtures
PPLT00284	Non-Dim	120-277VAC to 24VDC, 100W, Class 2	1-8	1-2
PPLT00543	0-10V Dimming to 10%	120-277VAC to 24VDC, 100W, Class 2	1-8	1-2

RGB

Part Number	Description	Input/Output	# of Fixtures	
PPLT00288	DMX/RDN/Dali/0-10V	120-277VAC to 24VDC, 100W, Class 2	1-8	1-2

For other power supply options consult factory.

ACCESSORIES

Installation

AC031P - Mounting Clip

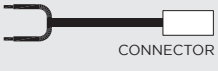
Ideal for bending wall or ceiling Installations

Made from stainless steel, installed with M3 screws (0.37" long M3 screw included). Clip to be installed every 15.75" for best performance.

AC032P - Linear Profile

Ideal for straight installations on wall or ceiling

39.4" in length. Made from clear anodized aluminum and can be secured with stainless steel clip ever 15.75" for best performance.



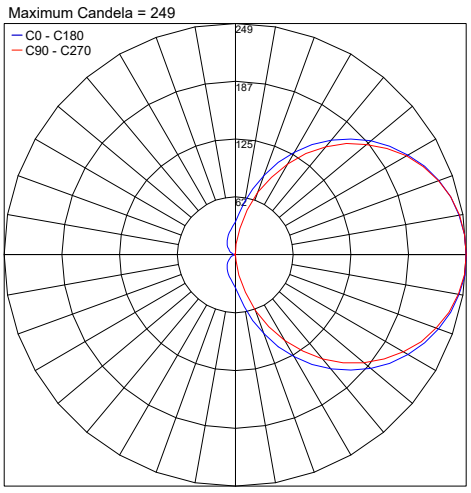
AC054P - Leader Cable

Initial cable to connect the driver to first luminaire

An in-line installation of multiple luminaires, all connected to one driver. Kit contains two leader cables, one with male connector and one with female connector, to allow start the installation from both sides.

PHOTOMETRIC DATA

Note all Photometry is 3000K



PHOTOMETRIC FILENAME : HYDROFLEX SIDE - 401804P.IES

Job Name/Date:

Fixture Type Designation:

sales@designplan.com
www.designplan.com

79 Trenton Avenue, Frenchtown NJ 08825

© Copyright 2019 Designplan Lighting, Inc.

Published: February 14, 2023

P: 908-996-7710
F: 908-996-7042

L11

HYDREL

CATALOG NUMBER

NOTES

TYPE

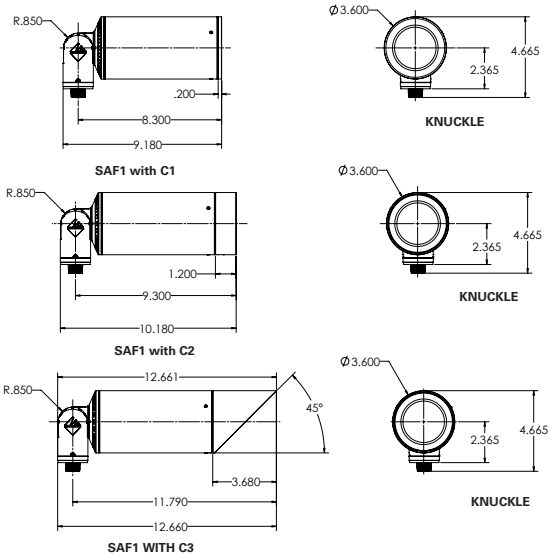
SAF1 LED SPECIALTY ARCHITECTURAL FLOOD

MVOLT LED

Specifications

Weight:	4 lbs.
EPA:	C1: 0.266 Square Feet
	C2: 0.294 Square Feet
	C3: 0.314 Square Feet

DIMENSIONS



HIGHLIGHTS

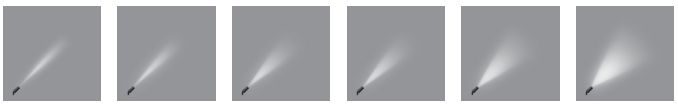
- Suitable for a variety of mounting applications including ground, wall, pole, stanchion and tree
- 0-10V, Reverse phase Dimming
- Taper-Lock technology provides full aiming integrity utilizing a rugged knuckle design
- Available in 80CRI
- 1500 lm
- Minimalist design that provides clean and intentional lines and transitions
- Slightly convex watershed lens that evades water build up and staining
- NOM Listed
- 3G vibration rating per ANSI C136.31

LUMEN PACKAGES

	6DEG	10DEG	15DEG	20DEG	30DEG	40DEG
Delivered Lumens	731	691	1,487	1,479	1,463	1,441
Watts	16	16	21	21	21	21
LPW	46	43	71	70	70	69
Max Candela	48,860	17,042	12,343	10,447	4,191	2,880
	50DEG	**70DEG**	**100DEG**	**15Vx60H**	**30Vx60H**	
Delivered Lumens	1,386	1,320	1,285	1,468	1,379	
Watts	21	21	21	21	21	
LPW	66	63	62	70	66	
Max Candela	1,442	964	647	2,923	1,897	

Note: Information based on 4000K @ P2, for 6DEG and 10DEG and P3 for 15DEG+ with C1.
See page 3 for more information.

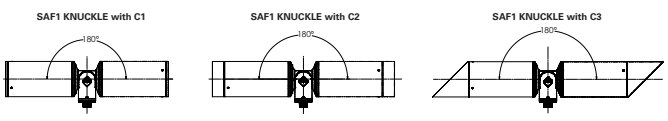
STANDARD DISTRIBUTION



6DEG 10DEG 15DEG 20DEG 30DEG 40DEG

50DEG 70DEG 100DEG 15°Vx60°H 30°Vx60°H

AIMING DETAIL



© 2022-2024 Acuity Brands Lighting, Inc. • One Lithonia Way, Conyers GA 30012
Phone: 800-705-SERV (7378) • www.hydrel.com

ORDERING INFORMATION

EXAMPLE: SAF1 LED P1 80CRI 27K MVOLT 6DEG CWL KM CJB L1 ZT C1 BL

SAF1

Series*	Source*	Performance Packages*	CRI*	Color Temperature*	Voltage*	Distribution*	Lens*	Mounting*
SAF1 Specialty Architectural Flood	**LED**	**P1** **P2** **P3** *Note: P3 not available in 6DEG & 10DEG*	**80CRI** *Note: CRI not required with AMBLW*	**27K** 2700K **30K** 3000K **35K** 3500K **40K** 4000K **AMBLW**[1] Amber Limited Wavelength (591nm) *Note: AMBLW not available in 6DEG, 20DEG and 40DEG* *Note: AMBLW only available in P1*	**MVOLT**	**6DEG** 6° **10DEG** 10° **15DEG** 15° **20DEG** 20° **30DEG** 30° **40DEG** 40° **50DEG** 50° **70DEG** 70° **100DEG** 100° **15VX60H** 15° x 60° **30VX60H** 30° x 60°	**CWL** Clear Watershed Lens	**KM** Knuckle

Mounting Accessories	Options Internal Accessory	Control Input	External Caps*	Finish*
AMPC_/_ Architectural Mid Pole Clamp available to fit on a 4" or 6" pole with 1 or 2 fixtures **AWMC** Architectural Wall Mount Cover **AWSC** Architectural Wall Splice Cover **CAJB** Cylindrical Architectural Junction box **CJB** Cylindrical Junction Box **CPM** Cylindrical Pedestal Mount **CPMSA** Cylindrical Pole Mount Splice Access **CSM_** Cylindrical Stanchion Mount 12"-48" available in 6" increments *Note: Multi Head (AMHM) mounting accessory is available and can be ordered separately, please see below and spec sheet for options.* *Note: Aluminum or Bronze Stake Mounted J-Box (SBA_ or SBB_) is available in 12" or 18" and can be ordered separately, please see below and spec sheet for options.* **Extended Arms** **EA__** 12", 24" or 36" **EA45__** 45° -12", 24" or 36" **EA90__** 90° - 12", 24" or 36" *Note: EA used with AWSC and AWMC mountings only*	**L1** Prismatic Lens **L2** Linear Spread Lens **L3** Softening Lens **IHL** Honeycomb Louver *Note: Only one Internal accessory can be chosen* **Internal Filters** **FG** Green **FGD** Green Dichroic **FLB** Light Blue **FM** Mercury Vapor **FMB** Medium Blue **FMBD** Medium Blue Dichroic **FR** Red **FRD** Red Dichroic *Note: Only one Internal Accessory can be chosen*	**ZT** 0-10V dimming to 1% **ELV** Reverse phase	**C1** Short Flush **C2** Recessed Lens **C3** 45° Angle Cut	**BL** Black Textured **BRS** Bronze Smooth **BRT** Bronze Textured **DBL** Black Smooth **DDB** Designer Bronze **DNA** Natural Aluminum **NBS** Natural Bronze Smooth **VET** Verde Textured **WH** White Textured **WHS** White Smooth **__Z** Zinc Undercoat (i.e.BLZ) Note: Zinc Undercoat provides corrosion protection for Marine Environment and Natatorium Construction **CF** Custom Finish **RALTBD** RAL Paint Finishes *Note: RALTBD for pricing only, replace with applicable RAL call out when ready to order. See the RALBROCHURE for available options. It is recommended that Hydrel products only use textured paint.*

*Required Fields

Notes:

1 Lumens not reflective of Amber output. See below chart

DIMMING CHART

Voltage	Control Input	Min Dimming Level
MVOLT	ZT	1%
MVOLT	ELV Reserve Phase	1%

PERFORMANCE DATA

LUMEN OUTPUT — SAF1

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Actual performance may differ as a result of end-user environment and application. Contact factory for performance data on any configurations not shown here.

Performance Package	System Watts	Distribution Type	Field Angle		Beam Angle		27K (2700K, 80CRI)			30K (3000K, 80CRI)			35K (3500K, 80CRI)			40K (4000K, 80CRI)		
			°H	°V	°H	°V	Max CD	Lumens	LPW	Max CD	Lumens	LPW	Max CD	Lumens	LPW	Max CD	Lumens	LPW
P1	9W	6DEG	11	11	5	5	31,205	467	52	32,798	491	55	34,853	522	58	35,328	529	59
		10DEG	19	19	9	9	10,884	441	49	11,440	464	52	12,157	493	55	12,322	499	55
	6W	15DEG	33	33	16	16	3,746	451	75	3,902	470	78	4,017	484	81	4,064	490	82
		20DEG	36	36	17	17	3,171	449	75	3,303	468	78	3,400	481	80	3,439	487	81
		30DEG	57	57	31	31	1,272	444	74	1,325	463	77	1,364	476	79	1,380	482	80
		40DEG	69	69	38	38	874	438	73	911	456	76	937	469	78	948	475	79
		50DEG	92	92	58	58	438	421	70	456	438	73	469	451	75	475	456	76
		70DEG	107	107	75	75	293	401	67	305	417	70	314	430	72	317	435	72
		100DEG	127	127	94	94	196	390	70	205	406	73	211	418	75	213	423	76
		15Vx60H	95	44	66	21	887	445	74	924	464	77	951	478	80	962	483	81
		30Vx60H	94	72	62	38	576	419	70	600	436	73	618	449	75	625	454	76
P2	16W	6DEG	11	11	5	5	43,157	646	40	45,361	679	42	48,203	721	45	48,860	731	46
		10DEG	19	19	9	9	15,053	610	38	15,822	641	40	16,813	681	43	17,042	691	43
	11W	15DEG	33	33	16	16	7,155	862	78	7,453	898	82	7,672	925	84	7,761	935	85
		20DEG	36	36	17	17	6,055	857	78	6,307	893	81	6,493	919	84	6,568	930	85
		30DEG	57	57	31	31	2,430	848	77	2,531	883	80	2,605	909	83	2,635	920	84
		40DEG	69	69	38	38	1,669	836	76	1,739	870	79	1,790	896	81	1,811	906	82
		50DEG	92	92	58	58	836	803	73	871	837	76	896	862	78	907	872	79
		70DEG	107	107	75	75	559	765	70	582	797	72	599	821	75	606	830	75
		100DEG	127	127	94	94	375	745	69	391	776	71	402	799	74	407	808	74
		15Vx60H	95	44	66	21	1,694	851	77	1,765	886	81	1,817	912	83	1,838	923	84
		30Vx60H	94	72	62	38	1,100	800	73	1,146	833	76	1,179	857	78	1,193	867	79
P3	21W	15DEG	33	33	16	16	11,379	1,371	65	11,853	1,428	68	12,202	1,470	70	12,343	1,487	71
		20DEG	36	36	17	17	9,631	1,364	65	10,032	1,421	68	10,327	1,462	70	10,447	1,479	70
		30DEG	57	57	31	31	3,864	1,349	64	4,025	1,405	67	4,143	1,446	69	4,191	1,463	70
		40DEG	69	69	38	38	2,655	1,329	63	2,766	1,384	66	2,847	1,425	68	2,880	1,441	69
		50DEG	92	92	58	58	1,329	1,278	61	1,385	1,331	63	1,426	1,370	65	1,442	1,386	66
		70DEG	107	107	75	75	889	1,217	58	926	1,268	60	953	1,305	62	964	1,320	63
		100DEG	127	127	94	94	596	1185	57	621	1234	60	639	1270	62	647	1285	62
		15Vx60H	95	44	66	21	2,695	1,353	64	2,807	1,409	67	2,890	1,451	69	2,923	1,468	70
		30Vx60H	94	72	62	38	1,749	1,272	61	1,822	1,324	63	1,876	1,363	65	1,897	1,379	66

Performance Package	System Watts	Distribution Type	Field Angle		Beam Angle		AMBLW		
			°H	°V	°H	°V	Max CD	Lumens	LPW
P1	8W	10DEG	19	19	9	9	3,132	127	16
		15DEG	33	33	16	16	1,031	124	16
		30DEG	57	57	31	31	350	122	15
		50DEG	92	92	58	58	120	116	14
		70DEG	107	107	75	75	81	110	14
		100DEG	131	131	100	100	36	82	10
		15Vx60H	95	44	66	21	244	123	15
		30Vx60H	94	72	62	38	159	115	14

PROJECTED LED LUMEN MAINTENANCE

Data references the extrapolated performance projections for the Fixture platform in a 25°C ambient, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

Operating Hours	0	20,000	40,000	60,000
Lumen Maintenance Factor	1	0.9309	0.8726	0.818

Note: Based on P1 Performance Package 6Deg & 10DEG

Operating Hours	0	20,000	40,000	60,000
Lumen Maintenance Factor	1	0.9664	0.948	0.9299

Note: Based on P1 Performance Package 15+Deg

LED LIFE: L70@ > 36,000 hours for 6DEG & 10DEG
L70@ > 60,000 hours for 15+DEG

CSA LISTING TEMPERATURE: -30°C through 40°C (P1 6DEG & 10DEG)
-30°C through 30°C (P2 6DEG & 10DEG)
-30°C through 50°C (P1 15+ DEG)
-30°C through 35°C (P2 15+ DEG)
-30°C through 25°C (P3 15+ DEG)
-30°C through 45°C (AMBER)

PHOTOMETRIC DIAGRAMS

To see complete photometric reports or download .ies files for this product, visit www.hydrel.com

PERFORMANCE DATA

ELECTRICAL LOAD

Light Engines	Drive Current (mA)	System Watts	Input Current (A)			
			120	208	240	277
Static White P1 6Deg & 10Deg	1800mA	9.4	0.077	0.045	0.04	0.035
Static White P2 6Deg & 10Deg	3000mA	17	0.144	0.082	0.071	0.062
Static White P1 15+Deg	180mA	5.6	0.046	0.027	0.024	0.021
Static White P2 15+Deg	350mA	10.8	0.089	0.053	0.047	0.042
Static White P3 15+Deg	690mA	18.4	0.179	0.105	0.092	0.081
Amber P1 10+Deg	667mA	8.5	0.071	0.041	0.035	0.031

LUMEN AMBIENT TEMPERATURE (LAT) MULTIPLIERS

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F)

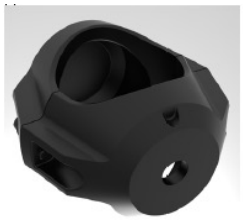
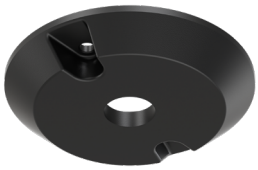
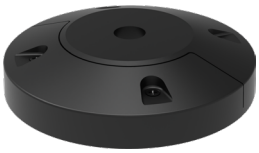
Ambient		Static White - 6&10Deg Lumen Multiplier	Static White - ≥15Deg Lumen Multiplier	Amber Lumen Multiplier
0°C	32°F	1.06	1.04	1.22
10°C	50°F	1.03	1.02	1.11
20°C	68°F	1.01	1.01	1.04
25°C	77°F	1	1	1
30°C	86°F	0.99	0.99	0.97
40°C	104°F	0.96	0.98	0.91

SAF1 Multipler	
Symmetric Distributions (6DEG-70DEG)	
C1	1.00
C2	0.98
C3	0.94
L1	0.91
L2	0.90
L3	0.96
IHL	0.60
Asymmetric Distributions (xxVXxxH)	
C1	1.00
C2	0.97
C3	0.92
L1	0.86
L2	0.84
L3	0.96
IHL	0.38

Color Filter Multiplier	
FG	0.492
FGD	0.399
FMB	0.177
FMBD	0.143
FR	0.102
FRD	0.083

© 2022-2024 Acuity Brands Lighting, Inc. • One Lithonia Way, Conyers GA 30012
Phone: 800-705-SERV (7378) • www.hydrel.com

SAF MOUNTING ACCESSORIES

		Part #
	• AMPC Architectural Mid Pole Clamp • Clamp pole mount design for quick install and fixture aiming • Intended for 4" or 6" round straight pole • Mount one or two fixtures • Mounting location mid pole • Designed for SAF7 and SAF14 series with safety cable option	Example: AMPC4/1 78C BL See spec sheet for more options
	• AMHM Architectural Multi Head Mount • Directional multi-head mounting accessory for spot lighting multiple targets from one vantage point • Equipped with inner cavity that allows for quick wire connections • Infinite maneuverability and positioning with taper lock technology so contractors can easily set it and forget it. • Available in Knuckle or Yoke mount • Mount two, three or four fixtures • Multi Head mount is compatible with other mounting accessories such as ADPMR/ADPMS, AMPC, APAR/APAS, AWSC, CAJB, CPM, CPMSA, CSM and CWMAE/CWMAT	Example: AMHM2 KM 78C BL See spec sheet for more options
	• AWMC Architectural Wall Mount Cover • Designed to be mounted over a recessed wall box • Compatible with SAF1	Example: AWMC 78C BL See spec sheet for more options
	• AWSC Architectural Wall Splice Cover • Designed to be mounted over a recessed wall box or can be surface mounted for direct conduit entrance • Supplied with an integral splice access compartment for easy fixture connections	Example: AWSC 78C DNA See spec sheet for more options
	• CAJB Cylindrical Architectural Junction Box • Designed for architectural and landscape applications • Recommended for mounting on a rigid metallic conduit	Example: CAJB 34B 78C DBL See spec sheet for more options
	• CJB Cylindrical Junction Box • Drilled and tapped to ¾" NPT specifications • For larger hole sizes , consult factory • Recommended to seal conduit to maintain dry components	Example: CJB 34S 78C VET See spec sheet for more options

SAF MOUNTING ACCESSORIES

		Part #
	• CPM Cylindrical Pedestal Mount • Suitable for architectural and landscape applications • Provided with front access cover for easy wiring and installation.	Example: CPM 78C BL See spec sheet for more options
	• CPMSA Cylindrical Pole Mount Splice Access • Designed to mount atop of 4” round poles • Provided with splice compartment	Example: CPMSA 78C DBL See spec sheet for more options
	• CSM Cylindrical Stanchion Mount • Available in heights from 12” to 48” in 6” increments • Provided with front access cover for easy wiring and installation.	Example: CSM12 78C BRT See spec sheet for more options
	• EA-Extended Arms • Available in lengths 12", 24" and 36" • Available in angles 45° and 90° • Material available in aluminum • Extended arms are compatible with AWMC and AWSC wall mounts	Example: AWMC EA12 78C BL AWSC EA4512 78C BRS See spec sheet for more options See spec sheet for more options
	• SBA or SBB Stake mounted J-box • Available in aluminum or bronze material • Available in 12" and 18" • Used for a portable convenient placement of accent fixtures to accommodate 12v or 120v 1/2" knuckle fixture	Example: SBA12 78C CSL6P BL SBB18 78C BZ See spec sheet for more options

© 2022-2024 Acuity Brands Lighting, Inc. • One Lithonia Way, Conyers GA 30012
Phone: 800-705-SERV (7378) • www.hydrel.com

EXTERNAL CAPS

	• C1 Short Flush Cap
	• C2 Recessed Lens Cap
	• C3 45° Angle Cut Cap

FEATURES & SPECIFICATIONS

MATERIAL: Die cast copper-free aluminum (A360) housing & doors with separate optical and driver compartments to ensure thermal isolation of the electronic drivers and LED's.

LIGHT SOURCE: Proprietary PBCA LED technology with correlated color temperatures (CCT) of 2700K, 3000K, 3500K, 4000K (>80 CRI). All within 3 MacAdam ellipses

VOLTAGE: MVOLT 120V-277V. 50/60Hz

DISTRIBUTION: Available in 6DEG, 10DEG, 15DEG, 20DEG, 30DEG, 40DEG, 50DEG, 70DEG, 100DEG, 15Vx60H and 30Vx60H

LENS: Molded from heat strengthened borosilicate glass for superior clarity and strength.

MOUNTING: Knuckle is 1/2" NPSM, mounts to 7/8" thru hole. Aluminum knuckle & stainless steel locking hardware with infinite aiming adjustment capabilities and a wide array of mounting accessories. Knuckle mount luminaries are provided with 48" leads (qty 3 #18 for power supply and qty 2 #18 for dimming control)

ELECTRICAL: MVOLT (120-277) LED class 2 power supply. 6-21 watts, L83 lifetime ≥ 100,000 hours at 25°C. Power factor > 90%, THD < 20%. 6KV surge protection meets a minimum Category C low operation per ANSI/IEEE C62.41.2.

FEATURES: Taper lock knuckle for infinite aiming and an unparalleled locking ability.

FINISH: Exterior parts are protected by a zinc-infused durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures a minimum 3 mils thickness for a finish that can withstand extreme climates without cracking or peeling.

GOVERNMENT PROCUREMENT
BAA – Buy America(n) Act: Product qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product also qualifies as manufactured in the United States under DOT Buy America regulations.
BABA – Build America Buy America: Product qualifies as produced in the United States under the definitions of the Build America, Buy America Act.
Please refer to www.acuitybrands.com/resources/buy-american for additional information.

LISTING: cCSAus, Suitable for outdoor & wet location. IP66 rated

WARRANTY: 5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

Consult factory for details.

NOTE: Actual performance may differ as a result of end-user environment and application.
All values are design or typical values, measured under laboratory conditions at 25 °C.
Specifications subject to change without notice.

© 2022-2024 Acuity Brands Lighting, Inc. • One Lithonia Way, Conyers GA 30012
Phone: 800-705-SERV (7378) • www.hydrel.com

L12

KLAK

designplan

datasheet

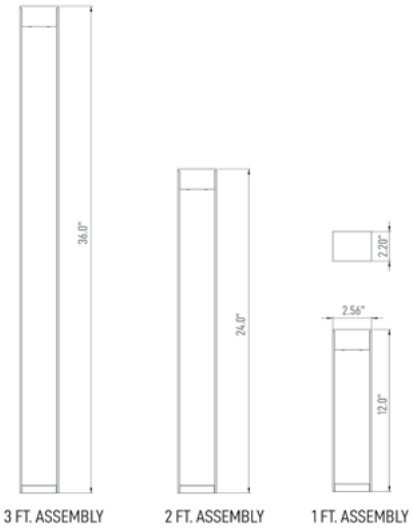
Klak is an outdoor LED bollard offered in 3 different heights, 1-foot, 2-foot or 3-foot. It is offered in static white, dim to warm or RGB. Dark Sky compliant.

MADE IN THE U.S.A.

TECHNICAL DATA

Wattage	6W (Dim to Warm) 12W (Static White) 13W (RGB)
Power Supply	Integral 120VAC (Static White only) Remote, not included - See page 2 (350mA RGB, 350mA Dim to Warm, 350mA Static White)
Dimming	Dimming based on remote power selected. 0-10V Dimming - Integral (Static White Only)
Construction	Body: Aluminum Lens: Clear
CCT	2700K, 3000K, 4000K (static white) 3000K-1800K (dim to warm) RGB
BUG Rating	B0-U1-G0
CRI	>80
Delivered Lumens	172 lm (Static 3000K - 2 foot version) Dark Sky compliant
Efficacy	14.3 lm/W (Static 3000K - 2 foot version)
Optics	180°
Finishes	5 Standard, Custom RAL on request
Fixture Dimensions	2.5" w x 2.2" or 12.0", 24.0" or 36.0" h
IP Rating	IP65

Fixture Dimensions



ORDERING INFORMATION

Example: KLK-L-1-40-02-C-0. Accessories / Power Supplies ordered separately.

KLK-L-2-30K-02-R

Model #	Height	CCT	Finish	Dimming	Options
KLK-L	**1** - 1 ft. **2** - 2 ft. **3** - 3 ft.	**27** - 2700K **30** - 3000K **40** - 4000K **RG** - RGB **DW** - Dim Warm (3000K-1800K)	**11** - White Suede **02** - Black Suede **03** - Gray **18** - Tex. Bronze **TS** - Silver **C** - Custom	**R** - Remote Driver (for Dim to Warm, RGB & Static White 1 ft. version) **L** - Lutron Dimming Remote Driver (Static White) **C** - Integral 120VAC - 0-10V Dimming For Static White Only (Not Available on 1 ft.) **See page 2 for remote power supply options**	**0** - None

Job Name/Date:

Fixture Type Designation:

sales@designplan.com
www.designplan.com

79 Trenton Avenue, Frenchtown NJ 08825

© Copyright 2020 Designplan Lighting, Inc.

Published: December 6, 2023

P: 908-996-7710
F: 908-996-7042

SUGGESTED POWER SUPPLIES

Dim to Warm - 350mA Remote Drivers

Part Number	Description	Input/Output	# of Fixtures
PPLT00466-P	0-10V Dimming (to 1.0%)	120-277VAC to 350mA, 10W, Class 2	1-1
PPLT00468	Phase Dim (120V only)	120VAC to 350mA, 12W, Class 2	1-2
PPLT00214	0-10V Dimming (to 10%)	120-277VAC to 350mA, 30W, Class 2	3-4
PPLT00538-P	0-10V Dimming (to 0.1%) (4 channels)	120-277VAC to 350mA, 100W, Class 2	1-3 (1-12)

Lutron Compatible - Dim to Warm - 350mA Remote Driver

Part Number	Option	Lutron SKU	Dim Range	Description	Input/Output	# of Fixtures
PPLT00247	L3DAE / L3DA3W	L3DA	100%-1%	Hi-Lume™ 1% EcoSystem™ or 1% 3-Wire LED Driver	120-277VAC to 350mA , 7W, Class 2	1-1
PPLT00516	L3DAE / L3DA3W	L3DA	100%-1%	Hi-Lume™ 1% EcoSystem™ or 1% 3-Wire LED Driver	120-277VAC to 350mA, 13W, Class 2	2-2

RGB - 350mA Remote Drivers

Part Number	Description	Input/Output	# of Fixtures
PPLT00244-P	DMX / RDM (Must advise DMX addresses if not using RDM)	120-277VAC to 350mA, 50W, Class 2	1-4
PPLT00129-P	DMX / RDM (Field Addressable)	120-277VAC to 350mA, 100W, Class 2	1-4

Static White - 350mA Remote Drivers

Part Number	Description	Input/Output	# of Fixtures
PPLT00139	0-10V Dimming to 10%	120-277VAC to 350mA, 12W, Class 2	1-1
PPLT00468	Phase Dim (120V only)	120-277VAC to 350mA, 14W, Class 2	1-1
PPLT00465-P	0-10V Dimming to 1.0%	120-277VAC to 350mA, 20W, Class 2	1-1
PPLT00263	Leading / Trailing Edge Dimming to 10% (120V only)	120-277VAC to 350mA, 32W, Class 2	1-1
PPLT00168-P	0-10V Dimming to 1.0%	120-277VAC to 350mA, 50W, Class 2	1-2
PPLT00538-P	0-10V Dimming to 0.1%	120-277VAC to 350mA, 100W, Class 2	1-4

Lutron Compatible - Static White - 350mA Remote Driver

Part Number	Option	Lutron SKU	Dim Range	Description	Input/Output	# of Fixtures
PPLT00516	L3DAE / L3DA3W	L3DA	100%-1%	Hi-Lume™ 1% EcoSystem™ or 1% 3-Wire LED Driver	120-277VAC to 350mA , 13W, Class 2	1-1

For other power supply options consult factory.

Job Name/Date:

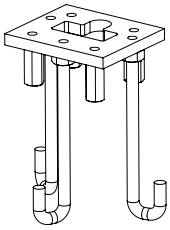
Fixture Type Designation:

© Copyright 2020 Designplan Lighting, Inc.
Published: December 6, 2023

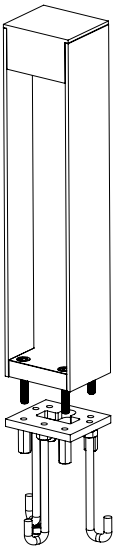
KLAK

datasheet

ACCESSORIES - Installation

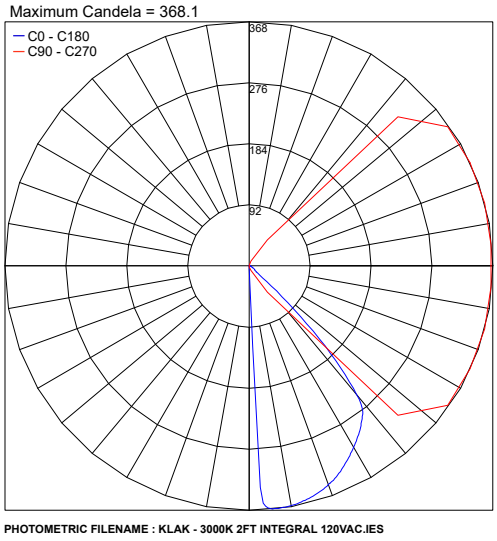


AM-00008
Mounting Base
Assembly



PHOTOMETRIC DATA

Note: Photometry is 3000K



PHOTOMETRIC FILENAME : KLAK - 3000K 2FT INTEGRAL 120VAC.IES

Job Name/Date:

Fixture Type Designation:

sales@designplan.com
www.designplan.com

79 Trenton Avenue, Frenchtown NJ 08825

© Copyright 2020 Designplan Lighting, Inc.
Published: December 6, 2023

P: 908-996-7710
F: 908-996-7042

L13

HYDREL

CATALOG NUMBER

NOTES

TYPE

HLF501

Linear Flood

Static White and Static Color

HIGHLIGHTS

- Surface mount luminaire designed to graze or wash architectural features for an evolutionary experience
- One-piece extruded aluminum housing lending both high quality and longevity.
- IP66 rated per IEC60598
- Available in 2ft, 3ft, or 4ft lengths with wide open distribution, placing the light where it is required.
- 3G vibration rated per ANSI C136.31

5 YEAR warranty

LED

66 IP RATED

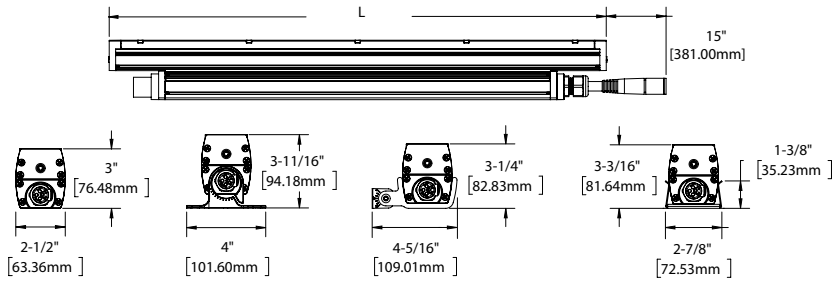
BAA

BABA

Specifications

Model	Length	Weight
HLF501	25 - 1/8" (639mm)	7.5 lbs (3.40kg)
	37" (941mm)	11 lbs (4.98kg)
	48 - 7/8" (1242mm)	13 lbs (5.90kg)

DIMENSIONS



No Mount (Shown for size reference only)

H500ADJC1 Mount

H500ADJH2 Mount

H500FMC Mount

LUMEN PACKAGES

	9x9	10x60	15x30	30x60	40x60	60x60	WWD
Delivered Lumens	2627	2631	2125	2173	2014	2161	1697
Watts	25	25	22.41	22.41	22.41	22.41	22.41
LPW	105	105	95	97	90	96	76

Information based on 4FT, 600 LMF Static White

© 2013-2024 Acuity Brands Lighting, Inc. • One Lithonia Way Conyers GA 30012
Phone: 800-705-SERV (7378) • www.hydrel.com

ORDERING INFORMATION

EXAMPLE: HLF501 LCB 2FT MSL2 300LMF 80CRI 27K MVOLT 9x9DEG FCA H500ADJH2 CWM6 HVSR DARK FCCSL100D DMX BKT

Series*	Linear Plan*	Total Run Length*	Maximum Fixture Length*	LED Output*	CRI*
HLF501 Hydrel Linear Flood	**LCB** Linear Center Balance **LLP** Linear Longest Possible **LSL** Linear Same Length	**#FT** Total Run Length offered in 1FT increments starting at 2FT. *See page 10 for maximum run lengths*	**MSL2** 2FT Section Length **MSL3** 3FT Section Length **MSL4** 4FT Section Length	**300LMF** 300 Nominal Lumens Per Foot **450LMF** 450 Nominal Lumens Per Foot **600LMF** 600 Nominal Lumens Per Foot **750LMF** 750 Nominal Lumens Per Foot **1000LMF** 1000 Nominal Lumens Per Foot Only select with Static White	**80CRI** **90CRI** Only select with Static White

Color Temperature*	Voltage*	Distribution*	Lens*	Mounting*
27K 2700K **30K** 3000K **35K** 3500K **40K** 4000K **50K** 5000K **RED** RED **GRN** Green **BLU** Blue **AMBLW** Amber Limited Wavelength 585-600nm 50K not available in 90CRI	**MVOLT** 120V-277V	**9X9DEG** 9 x 9 Degrees **10X60DEG** 10 x 60 Degrees **15X30DEG** 15 x 30 Degrees **30X60DEG** 30 x 60 Degrees **40X60DEG** 40 x 60 Degrees **60X60DEG** 60 x 60 Degrees **WWD** Wall Wash (Asymmetric) **WWD option supplied with a snap-on visor	**FCA** Frosted Clear Acrylic **CAL** Clear Acrylic Lens **DVL** Direct View Lens Do not select a distribution with DVL Lens	**H500ADJC1** Adjustable Mount Center Axis **H500ADJH2** Adjustable Mount Side Hinge **H500FMC** Fixed Mount

Mounting Accessories **Optional**	Extra Shielding **Optional**	Dimming*	Cord Set Length•	Control Input*	Finish*
CWM6 Cantilever Wall Mount 6" Projection **CWM12** Cantilever Wall Mount 12" Projection **CWM18** Cantilever Wall Mount 18" Projection **CWML6** Cantilever Wall Mount Large 6" Projection **CWML12** Cantilever Wall Mount Large 12" Projection **CWML18** Cantilever Wall Mount Large 18" Projection Note: Must have H500ADJH2 mounting selected	**HBFL** Baffle Linear Surface (Matte Black Finish) **HVSR** Glare Visor Linear Surface (Finish to match housing)	**DARK** Constanet Current, Dimming to <1% (Use with DALI or DMX Control Input Only) **MIN1** Constant Current Dimming to 1% (Use with ZT Control Input Only)	**FCCSL100D** 100FT Feed Cable Wet Location with DMX Plug **FCCSL10D** 10FT Feed Cable Wet Location with DMX Plug **FCCSL25D** 25FT Feed Cable Wet Location DMX Plug **FCCSL50D** 50FT Feed Cable Wet Location DMX Plug **NOFCL** No Power Feed Cable **FCCSL100N** 100FT Feed Cable Wet Location Non DMX Plug **FCCSL10N** 10FT Feed Cable Wet Location Non DMX Plug **FCCSL25N** 25FT Feed Cable Wet Location Non DMX Plug **FCCSL50N** 50FT Feed Cable Wet Location Non DMX Plug	**DMX** DMX **ZT** 0-10V **DALI** DALI	**BKT** Black Textured Paint **SIT** Silver Textured Paint **WHT** White Textured Paint **CF** Custom Painted Finish **RALTBD** RAL Paint Finish RALTBD for pricing only, replace with applicable RAL call out when ready to order. See the Architectural RAL Color brochure for available options.

Note: * is a required field

Accessories

Controller (Fresco Control System)	See page 11
Controller (Easyl™ Solo / Touch / Pro)	See page 11
DMX-RDM Repeater with Power in IP65 Enclosure	See page 9
Feed Cable (required for installation)	See page 11
Jumper Cable	See page 12
Liquid-Tight Cord Grip	See page 13
Glare Visor	See page 12
Baffle	See page 12
Brackets	See page 13

© 2013-2024 Acuity Brands Lighting, Inc. • One Lithonia Way Conyers GA 30012
Phone: 800-705-SERV (7378) • www.hydrel.com

PERFORMANCE DATA

Static White Range

Lumens Per Foot	Fixture Length	Distribution	CCT	CRI	Delivered Lumens	Input Watts	Lumen/ Watt	Delivered Lumens Per Foot	Input Watts Per Foot
300	2FT	9x9	40K	80	666	6.3	106	333	3.15
	2FT	10x60	40K	80	667	6.3	106	334	3.15
	2FT	15x30	40K	80	529	5.69	93	265	2.85
	2FT	30x60	40K	80	541	5.69	95	271	2.85
	2FT	40x60	40K	80	501	5.69	88	251	2.85
	2FT	60x60	40K	80	538	5.69	95	269	2.85
	2FT	WWD	40K	80	422	5.69	74	211	2.85
	3FT	9x9	40K	80	1031	9.59	108	344	3.20
	3FT	10x60	40K	80	1033	9.59	108	344	3.20
	3FT	15x30	40K	80	802	8.54	94	267	2.85
	3FT	30x60	40K	80	820	8.54	96	273	2.85
	3FT	40x60	40K	80	759	8.54	89	253	2.85
	3FT	60x60	40K	80	815	8.54	95	272	2.85
	3FT	WWD	40K	80	640	8.54	75	213	2.85
	4FT	9x9	40K	80	1308	12.75	103	327	3.19
	4FT	10x60	40K	80	1310	12.75	103	328	3.19
	4FT	15x30	40K	80	1068	11.31	94	267	2.83
	4FT	30x60	40K	80	1092	11.31	97	273	2.83
	4FT	40x60	40K	80	1011	11.31	89	253	2.83
	4FT	60x60	40K	80	1086	11.31	96	272	2.83
	4FT	WWD	40K	80	852	11.31	75	213	2.83
450	2FT	9x9	40K	80	981	9.04	109	491	4.52
	2FT	10x60	40K	80	982	9.04	109	491	4.52
	2FT	15x30	40K	80	790	8.36	94	395	4.18
	2FT	30x60	40K	80	808	8.36	97	404	4.18
	2FT	40x60	40K	80	748	8.36	89	374	4.18
	2FT	60x60	40K	80	803	8.36	96	402	4.18
	2FT	WWD	40K	80	630	8.36	75	315	4.18
	3FT	9x9	40K	80	1518	13.76	110	506	4.59
	3FT	10x60	40K	80	1521	13.76	111	507	4.59
	3FT	15x30	40K	80	1196	12.56	95	399	4.19
	3FT	30x60	40K	80	1223	12.56	97	408	4.19
	3FT	40x60	40K	80	1133	12.56	90	378	4.19
	3FT	60x60	40K	80	1216	12.56	97	405	4.19
	3FT	WWD	40K	80	955	12.56	76	318	4.19
	4FT	9x9	40K	80	1925	18.29	105	481	4.57
	4FT	10x60	40K	80	1928	18.29	105	482	4.57
	4FT	15x30	40K	80	1594	16.63	96	399	4.16
	4FT	30x60	40K	80	1630	16.63	98	408	4.16
	4FT	40x60	40K	80	1510	16.63	91	378	4.16
	4FT	60x60	40K	80	1620	16.63	97	405	4.16
	4FT	WWD	40K	80	1272	16.63	76	318	4.16
600	2FT	9x9	40K	80	1338	12.35	108	669	6.18
	2FT	10x60	40K	80	1340	12.35	109	670	6.18
	2FT	15x30	40K	80	1053	11.27	93	527	5.64
	2FT	30x60	40K	80	1077	11.27	96	539	5.64
	2FT	40x60	40K	80	998	11.27	89	499	5.64
	2FT	60x60	40K	80	1071	11.27	95	536	5.64
	2FT	WWD	40K	80	841	11.27	75	421	5.64
	3FT	9x9	40K	80	2072	18.79	110	691	6.26
	3FT	10x60	40K	80	2075	18.79	110	692	6.26
	3FT	15x30	40K	80	1596	16.92	94	532	5.64
	3FT	30x60	40K	80	1632	16.92	96	544	5.64
	3FT	40x60	40K	80	1512	16.92	89	504	5.64
	3FT	60x60	40K	80	1622	16.92	96	541	5.64
	3FT	WWD	40K	80	1274	16.92	75	425	5.64
	4FT	9x9	40K	80	2627	25	105	657	6.25
	4FT	10x60	40K	80	2631	25	105	658	6.25
	4FT	15x30	40K	80	2125	22.41	95	531	5.60
	4FT	30x60	40K	80	2173	22.41	97	543	5.60
	4FT	40x60	40K	80	2014	22.41	90	504	5.60
	4FT	60x60	40K	80	2161	22.41	96	540	5.60
	4FT	WWD	40K	80	1697	22.41	76	424	5.60

© 2013-2024 Acuity Brands Lighting, Inc. • One Lithonia Way Conyers GA 30012
Phone: 800-705-SERV (7378) • www.hydrel.com

PERFORMANCE DATA

Static White Range (continued)

Lumens Per Foot	Fixture Length	Distribution	CCT	CRI	Delivered Lumens	Input Watts	Lumen/ Watt	Delivered Lumens Per Foot	Input Watts Per Foot
750	2FT	9x9	40K	80	1508	14	108	754	7.00
	2FT	10x60	40K	80	1511	14	108	756	7.00
	2FT	15x30	40K	80	1260	13.71	92	630	6.86
	2FT	30x60	40K	80	1288	13.71	94	644	6.86
	2FT	40x60	40K	80	1194	13.71	87	597	6.86
	2FT	60x60	40K	80	1281	13.71	93	641	6.86
	2FT	WWD	40K	80	1006	13.71	73	503	6.86
	3FT	9x9	40K	80	2335	21.28	110	778	7.09
	3FT	10x60	40K	80	2339	21.28	110	780	7.09
	3FT	15x30	40K	80	1909	20.59	93	636	6.86
	3FT	30x60	40K	80	1952	20.59	95	651	6.86
	3FT	40x60	40K	80	1808	20.59	88	603	6.86
	3FT	60x60	40K	80	1941	20.59	94	647	6.86
	3FT	WWD	40K	80	1523	20.59	74	508	6.86
	4FT	9x9	40K	80	2960	28.3	105	740	7.08
	4FT	10x60	40K	80	2965	28.3	105	741	7.08
	4FT	15x30	40K	80	2542	27.26	93	636	6.82
	4FT	30x60	40K	80	2600	27.26	95	650	6.82
	4FT	40x60	40K	80	2408	27.26	88	602	6.82
	4FT	60x60	40K	80	2585	27.26	95	646	6.82
	4FT	WWD	40K	80	2029	27.26	74	507	6.82
1000	2FT	9x9	40K	80	1873	17.7	106	937	8.85
	2FT	10x60	40K	80	1876	17.7	106	938	8.85
	2FT	15x30	40K	80	1458	16.25	90	729	8.13
	2FT	30x60	40K	80	1490	16.25	92	745	8.13
	2FT	40x60	40K	80	1381	16.25	85	691	8.13
	2FT	60x60	40K	80	1482	16.25	91	741	8.13
	2FT	WWD	40K	80	1163	16.25	72	582	8.13
	3FT	9x9	40K	80	2899	26.92	108	966	8.97
	3FT	10x60	40K	80	2904	26.92	108	968	8.97
	3FT	15x30	40K	80	2208	24.4	90	736	8.13
	3FT	30x60	40K	80	2258	24.4	93	753	8.13
	3FT	40x60	40K	80	2092	24.4	86	697	8.13
	3FT	60x60	40K	80	2245	24.4	92	748	8.13
	3FT	WWD	40K	80	1762	24.4	72	587	8.13
	4FT	9x9	40K	80	3676	35.8	103	919	8.95
	4FT	10x60	40K	80	3682	35.8	103	921	8.95
	4FT	15x30	40K	80	2941	32.31	91	735	8.08
	4FT	30x60	40K	80	3008	32.31	93	752	8.08
	4FT	40x60	40K	80	2786	32.31	86	697	8.08
	4FT	60x60	40K	80	2991	32.31	93	748	8.08
	4FT	WWD	40K	80	2348	32.31	73	587	8.08

Lumen Multipier Table

Data table baseline is 4000K 80CRI photometry. This table can be used to approximate the lumen values at different Kelvin temperatures and Color Rendering Index. Power consumption would stay the same.

For Distributions: 9X9DEG & 10X60DEG

CCT	CRI	Multiplier
27K	80	0.871
30K	80	0.935
35K	80	0.972
40K	80	1.000
50K	80	1.036
27K	90	0.726
30K	90	0.766
35K	90	0.794
40K	90	0.827
DVL		0.306
FCA		0.924

For Distributions: 15X30DEG, 30X60DEG, 40X60DEG, 60X60DEG, & WWD

CCT	CRI	Multiplier
27K	80	0.963
30K	80	0.963
35K	80	1.000
40K	80	1.000
50K	80	1.037
27K	90	0.815
30K	90	0.852
35K	90	0.889
40K	90	0.926
DVL		0.306
FCA		0.924

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Actual performance may differ as a result of end-user environment and application. Contact factory for performance data on any configurations not shown here.

IES data is available at www.winonalighting.com. Refer to website for the latest IES file updates.

© 2013-2024 Acuity Brands Lighting, Inc. • One Lithonia Way Conyers GA 30012
Phone: 800-705-SERV (7378) • www.hydrel.com

PERFORMANCE DATA

Static White Range with DVL Option

Lumens Per Foot	Fixture Length	CCT	CRI	Delivered Lumens	Input Watts	Lumen/ Watt	Delivered Lumens Per Foot	Input Watts Per Foot
300	2FT	40K	80	202	5.24	39	101	2.62
	3FT	40K	80	315	7.93	40	105	2.64
	4FT	40K	80	415	10.51	39	104	2.63
450	2FT	40K	80	306	7.78	39	153	3.89
	3FT	40K	80	476	11.77	40	159	3.92
	4FT	40K	80	629	15.61	40	157	3.90
600	2FT	40K	80	382	9.75	39	191	4.88
	3FT	40K	80	595	14.75	40	198	4.92
	4FT	40K	80	786	19.56	40	197	4.89
750	2FT	40K	80	484	12.53	39	242	6.27
	3FT	40K	80	754	18.95	40	251	6.32
	4FT	40K	80	996	25.14	40	249	6.29
1000	2FT	40K	80	559	14.59	38	280	7.30
	3FT	40K	80	870	22.07	39	290	7.36
	4FT	40K	80	1149	29.27	39	287	7.32

Lumen Multipier Table

Data table baseline is 4000K 80CRI photometry. This table can be used to approximate the lumen values at different Kelvin temperatures and Color Rendering Index. Power consumption would stay the same.

CCT	CRI	Multiplier
27K	80	0.960
30K	80	0.991
35K	80	1.000
40K	80	1.000
50K	80	1.103
27K	90	0.815
30K	90	0.833
35K	90	0.854
40K	90	0.869

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Actual performance may differ as a result of end-user environment and application. Contact factory for performance data on any configurations not shown here.

IES data is available at www.winonalighting.com. Refer to website for the latest IES file updates.

© 2013-2024 Acuity Brands Lighting, Inc. • One Lithonia Way Conyers GA 30012
Phone: 800-705-SERV (7378) • www.hydrel.com

PERFORMANCE DATA

Static Color Range

Lumens Per Foot	Fixture Length	Distribution	Delivered Lumens	Input Watts	Lumen/ Watt	Delivered Lumens Per Foot	Input Watts Per Foot
RED	2FT	9x9	618	15.14	41	309	7.57
	2FT	10x60	619	15.14	41	310	7.57
	2FT	15x30	804	11.01	73	402	5.51
	2FT	30x60	822	11.01	75	411	5.51
	2FT	40x60	761	11.01	69	381	5.51
	2FT	60x60	815	11.01	74	408	5.51
	2FT	WWD	642	11.01	58	321	5.51
	3FT	9x9	874	21.81	40	291	7.27
	3FT	10x60	876	21.81	40	292	7.27
	3FT	15x30	1252	15.59	80	417	5.20
	3FT	30x60	1281	15.59	82	427	5.20
	3FT	40x60	1186	15.59	76	395	5.20
	3FT	60x60	1269	15.59	81	423	5.20
	3FT	WWD	1000	15.59	64	333	5.20
	4FT	9x9	1107	24.93	44	277	6.23
	4FT	10x60	1109	24.93	44	277	6.23
	4FT	15x30	1704	20.52	83	426	5.13
	4FT	30x60	1742	20.52	85	436	5.13
	4FT	40x60	1614	20.52	79	404	5.13
	4FT	60x60	1727	20.52	84	432	5.13
	4FT	WWD	1360	20.52	66	340	5.13
GREEN	2FT	9x9	1546	21.96	70	773	10.98
	2FT	10x60	1549	21.96	71	775	10.98
	2FT	15x30	1954	13.5	145	977	6.75
	2FT	30x60	1998	13.5	148	999	6.75
	2FT	40x60	1851	13.5	137	926	6.75
	2FT	60x60	1981	13.5	147	991	6.75
	2FT	WWD	1560	13.5	116	780	6.75
	3FT	9x9	2186	31.63	69	729	10.54
	3FT	10x60	2189	31.63	69	730	10.54
	3FT	15x30	3045	19.13	159	1015	6.38
	3FT	30x60	3113	19.13	163	1038	6.38
	3FT	40x60	2884	19.13	151	961	6.38
	3FT	60x60	3086	19.13	161	1029	6.38
	3FT	WWD	2430	19.13	127	810	6.38
	4FT	9x9	2768	36.15	77	692	9.04
	4FT	10x60	2772	36.15	77	693	9.04
	4FT	15x30	4143	25.18	165	1036	6.30
	4FT	30x60	4236	25.18	168	1059	6.30
	4FT	40x60	3924	25.18	156	981	6.30
	4FT	60x60	4199	25.18	167	1050	6.30
	4FT	WWD	3307	25.18	131	827	6.30

Lumens Per Foot	Fixture Length	Distribution	Delivered Lumens	Input Watts	Lumen/ Watt	Delivered Lumens Per Foot	Input Watts Per Foot
BLUE	2FT	9x9	457	21.07	22	229	10.54
	2FT	10x60	458	21.07	22	229	10.54
	2FT	15x30	574	14.9	39	287	7.45
	2FT	30x60	587	14.9	39	294	7.45
	2FT	40x60	543	14.9	36	272	7.45
	2FT	60x60	581	14.9	39	291	7.45
	2FT	WWD	458	14.9	31	229	7.45
	3FT	9x9	646	30.35	21	215	10.12
	3FT	10x60	648	30.35	21	216	10.12
	3FT	15x30	894	21.11	42	298	7.04
	3FT	30x60	914	21.11	43	305	7.04
	3FT	40x60	847	21.11	40	282	7.04
	3FT	60x60	906	21.11	43	302	7.04
	3FT	WWD	713	21.11	34	238	7.04
	4FT	9x9	819	34.69	24	205	8.67
	4FT	10x60	820	34.69	24	205	8.67
	4FT	15x30	1216	27.79	44	304	6.95
	4FT	30x60	1243	27.79	45	311	6.95
	4FT	40x60	1152	27.79	41	288	6.95
	4FT	60x60	1233	27.79	44	308	6.95
	4FT	WWD	971	27.79	35	243	6.95
AMBER	2FT	9x9	300	15.32	20	150	7.66
	2FT	10x60	300	15.32	20	150	7.66
	2FT	15x30	713	11.37	63	357	5.69
	2FT	30x60	729	11.37	64	365	5.69
	2FT	40x60	676	11.37	59	338	5.69
	2FT	60x60	723	11.37	64	362	5.69
	2FT	WWD	569	11.37	50	285	5.69
	3FT	9x9	424	22.08	19	141	7.36
	3FT	10x60	425	22.08	19	142	7.36
	3FT	15x30	1112	16.1	69	371	5.37
	3FT	30x60	1137	16.1	71	379	5.37
	3FT	40x60	1053	16.1	65	351	5.37
	3FT	60x60	1127	16.1	70	376	5.37
	3FT	WWD	887	16.1	55	296	5.37
	4FT	9x9	537	25.23	21	134	6.31
	4FT	10x60	538	25.23	21	135	6.31
	4FT	15x30	1512	21.19	71	378	5.30
	4FT	30x60	1546	21.19	73	387	5.30
	4FT	40x60	1433	21.19	68	358	5.30
	4FT	60x60	1533	21.19	72	383	5.30
	4FT	WWD	1207	21.19	57	302	5.30

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Actual performance may differ as a result of end-user environment and application. Contact factory for performance data on any configurations not shown here.

IES data is available at www.winonalighting.com. Refer to website for the latest IES file updates.

© 2013-2024 Acuity Brands Lighting, Inc. • One Lithonia Way Conyers GA 30012
Phone: 800-705-SERV (7378) • www.hydrel.com

PERFORMANCE DATA

Static Color Range with DVL Option

Color	Fixture Length	Delivered Lumens	Input Watts	Lumen/ Watt	Delivered Lumens Per Foot	Input Watts Per Foot
RED	2FT	225	11.01	20	113	5.51
	3FT	350	15.59	22	117	5.20
	4FT	476	20.52	23	119	5.13
GREEN	2FT	546	13.5	40	273	6.75
	3FT	852	19.13	45	284	6.38
	4FT	1159	25.18	46	290	6.30
BLUE	2FT	160	14.9	11	80	7.45
	3FT	250	21.11	12	83	7.04
	4FT	340	27.79	12	85	6.95
AMBER	2FT	199	11.37	18	100	5.69
	3FT	311	16.1	19	104	5.37
	4FT	423	21.19	20	106	5.30

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Actual performance may differ as a result of end-user environment and application. Contact factory for performance data on any configurations not shown here.

IES data is available at www.winonalighting.com. Refer to website for the latest IES file updates.

© 2013-2024 Acuity Brands Lighting, Inc. • One Lithonia Way Conyers GA 30012
Phone: 800-705-SERV (7378) • www.hydrel.com

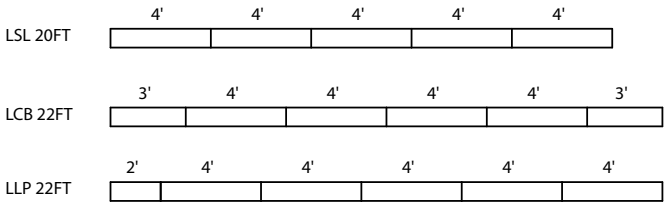
Linear Plan

Hydrel offers the ability to provide a continuous run plan to suit your requirements by optionally offering three methods of configuration.

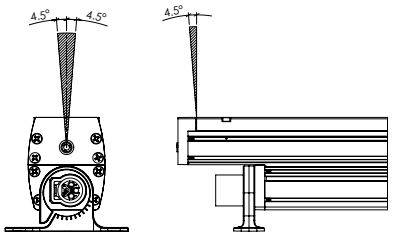
LSL Linear Same Length:
In this configuration each segment is the same length is standardized based on the longest length available and is the only option provided. Because it is dependent on one segment length there are mathematical limitations on what overall row lengths can be achieved. Example: 20FT row would be achieved with (5) 4FT long segments equaling 20FT (nominal).

LCB Linear Center Balanced:
This configuration incorporates the longest center segment(s) along with any additional lengths required to fill located at each end. Example: 22FT row would have (2) 3FT segments (one at each end) and (4) 4FT intermediate segments located in between.

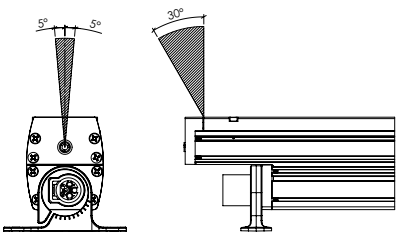
LLP Linear Longest Possible:
In this plan the longest length available is optimized resulting in the fewest segments and mounting locations. Caution should be used where balanced appearance is a concern. Example: 22FT row would have (5) 4FT segments and (1) 2FT segment located at one end.



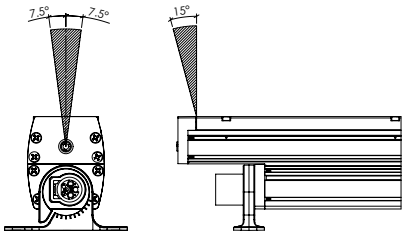
DISTRIBUTION



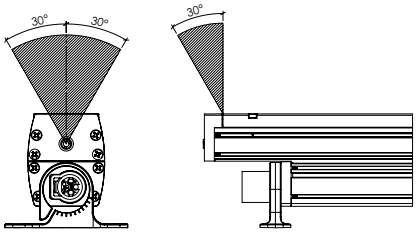
9x9 Degree



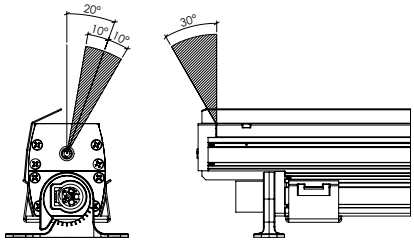
10x60 Degree



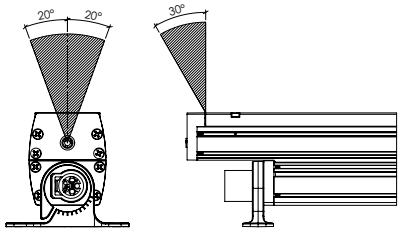
15x30 Degree



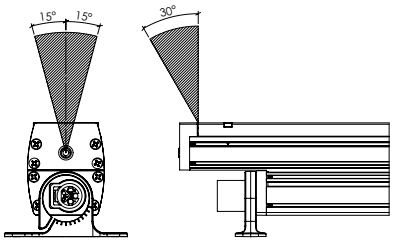
60x60 Degree



WWD Wall Wash
(Asymmetric)
*Shown with supplied snap-on visor



40x60 Degree

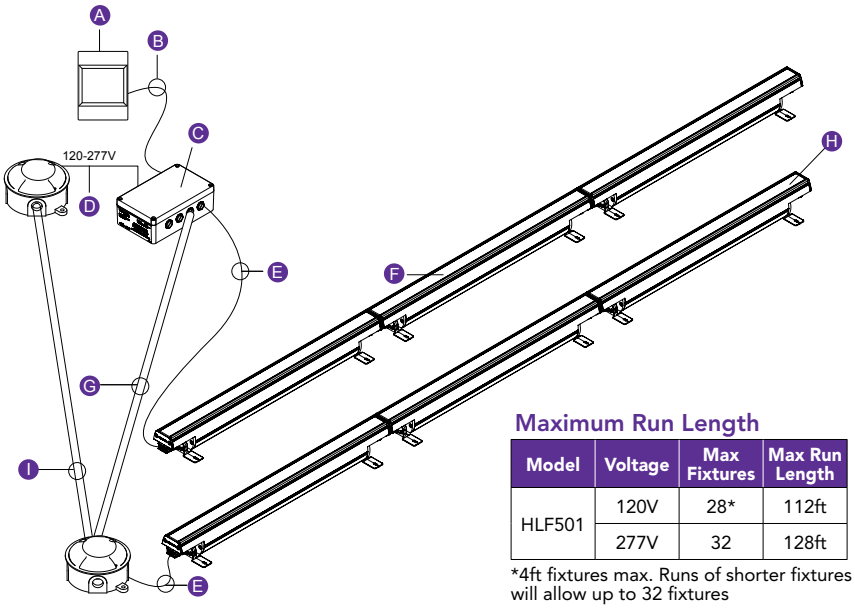


30x60 Degree

© 2013-2024 Acuity Brands Lighting, Inc. • One Lithonia Way Conyers GA 30012
Phone: 800-705-SERV (7378) • www.hydrel.com

BASIC SYSTEM WIRING INFORMATION WITH DMX

This very basic system wiring diagram provides an overview of components and materials required for a simple installation of HLF501 luminaires controlled by a DMX controller. These diagrams should not be used in place of actual installation instructions or submittal drawings prepared for a specific project.



Maximum Run Length

Model	Voltage	Max Fixtures	Max Run Length
HLF501	120V	28*	112ft
	277V	32	128ft

*4ft fixtures max. Runs of shorter fixtures will allow up to 32 fixtures

PATHWAY CONNECTIVITY SOLUTIONS - DMX NETWORKING AND ADVANCED CONTROL

DMX512 networks create dynamic lighting. Dynamic lighting often brings a lot of color and movement to spaces. The DMX512 lighting protocol was created to serve the needs of performance lighting, such as in theaters or music venues. A DMX network is designed to support large amounts of data continually moving between controllers and luminaires, and at very high speeds. Many non-performance lighting applications also rely on DMX networks, to support RGB LED luminaires featured in applications such as building façades, hotel lobbies and corporate reception areas.

A DMX network always includes a controller and luminaires that are compatible with the DMX protocol. As well, DMX lighting systems must include network devices that route the DMX data to different locations between the controllers and luminaires.

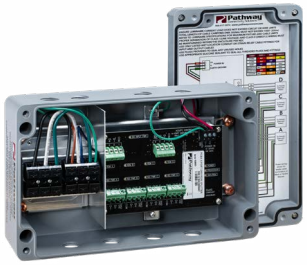
Pathway Connectivity provides these network devices, creating robust and secure network backbones. Pathway devices create bridges between Ethernet and DMX, and DMX and other kinds of lighting control protocols, such as RDM, nLight® or 0-10v.

DMX-RDM Repeater with Power in IP65 Enclosure

Model	
PWREP IP65 P4 TERM RDM	DMX-RDM Repeater with Power in IP65 Enclosure

Refer to PWREP IP65 spec sheet for additional detail.

Integrates DMX signal & 120-277 line voltage onto a single cable. Exterior rated, up to 4 output feeds, Silver Textured Finish.



A DMX controller providing one universe of DMX-512 control.

To supply a complete system RDM set-up and playback control solution, use:

Easyl
- Three versions available from entry-level to show creation using computer software
- Full color LCD touchscreen
- Recall colors, shows, and effects with one touch

Fresco
- Manage multiple light sources in multiple lighting zones, all from one controller
- On screen lighting design and set-up, no computer required or Ethernet connection for remote configuration and advanced control
- All device settings are stored on-board in non-volatile memory

B Belden 9829 cable is the preferred communication/data cable used to carry the DMX signal to and from the PWREP IP65. The total length of this cable must not exceed 1000 feet from the DMX controller to the PWREP IP65. No luminaires should be installed between DMX Controller and any PWREP IP65.

C PWREP IP65 (DMX-RDM Repeater with Power in IP65 Enclosure) is used to bundle DMX to line voltage and deliver them to the luminaire. This box provides necessary isolation between the DMX control and line voltage and is required for all HLF501 installations. The PWREP IP65 also serves as a 4-channel splitter enabling up to 128 fixtures to be controlled from a single PWREP IP65. Refer to PWREP IP65 Installation Sheet for dimensions and mounting details.

D 120V-277V input to PWREP IP65. Metallic conduit and standard fittings are compatible as are multi-conductor cords provided they are appropriate to the mounting location.

E Feed cable connects junction box with first fixture in a run. 14 ga. conductors carry power, shielded 18 ga. conductors carry data. Input end is stripped for connection to the Junction or PWREP IP65, output end includes a male or female plug for fixture connection. Also included with each feed cable is a termination/sealing cap for the end of each run. Contact factory for availability of custom feed cable lengths.

F A maximum of 32 luminaires can be connected to a single output channel of the PWREP IP65. The maximum length of cord and luminaire run combined is 1000 feet per DMX/RDM specification.

G Data can be run to junction box locations in conduits. Use Belden 9829 for data.

H To ensure data integrity, a termination/sealing cap with 120 Ohm resistor is required at the last luminaire in each run. See installation instructions.

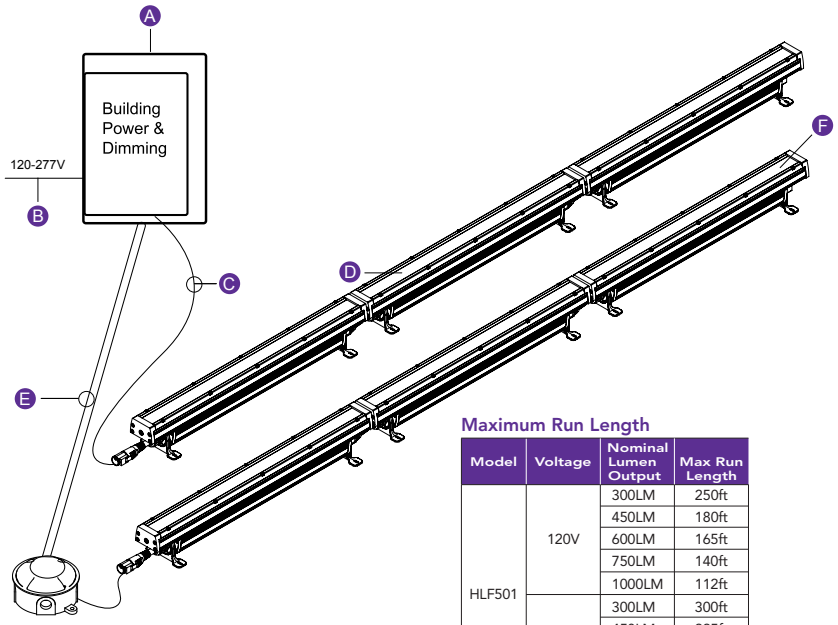
I Power can be run to junction box locations in conduits. Use copper wire per local code for power.

Easyl Controller

Fresco Control System

BASIC SYSTEM WIRING INFORMATION WITHOUT DMX

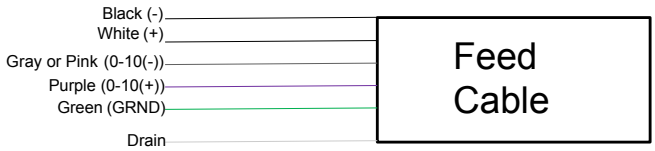
This very basic system wiring diagram provides an overview of components and materials required for a simple installation of HLF501 luminaires controlled by building system power (By Others). These diagrams should not be used in place of actual installation instructions or submittal drawings prepared for a specific project.



Maximum Run Length

Model	Voltage	Nominal Lumen Output	Max Run Length
HLF501	120V	300LM	250ft
		450LM	180ft
		600LM	165ft
		750LM	140ft
		1000LM	112ft
	277V	300LM	300ft
		450LM	225ft
		600LM	200ft
		750LM	175ft
		1000LM	128ft

Feed Cable Wiring



*Notes

1) Cap BARE SHIELD WIRE in Junction box. (By Others)
2) When not using 0-10 dim ing, cap Gray or Pink and Purple separately in the junction box. (By Others)

Luminaire installation can be as simple as a single luminaire and one control to many different luminaires in multiple locations being triggered and manipulated in real time. Consulting with the factory at the beginning stages of the project will ensure the required equipment be specified and properly installed.

A Building power and dimming control input via 0-10V system provided by others.

B 120V-277V input. Metallic conduit and standard fittings are compatible as are multi-conductor cords provided they are appropriate to the mounting location.

C Feed cable connects junction box or control input with first fixture in a run. 14 ga. conductors carry power, shielded 18 ga. conductors carry data. Input end is stripped for connection to the junction box, output end includes a female or male plug for fixture connection. Also included with each feed cable is a sealing cap for the end of each run.

D A maximum of 32 luminaires can be connected to a single feed cable.

E Power can be run to junction box locations in rigid conduit. Use Belden 9829 for data and copper wire per local code for power. Use appropriate fitting for combination cord.

F Included with each feed cable is a sealing cap for the last luminaire in each run. See installation instructions.

© 2013-2024 Acuity Brands Lighting, Inc. • One Lithonia Way Conyers GA 30012
Phone: 800-705-SERV (7378) • www.hydrel.com

ACCESSORY OPTIONS

Fresco Control System

Series		Model		Options		Finish	
FCS	Fresco Control System	7TSN	7" touchscreen with nLight port	(blank)	nlight only	DBL	Black
				X	DMX/RDM control	DWH	White
						DNA	Natural Aluminum

Refer to FRESCO spec sheet for additional details and options

Easyl™ LED Show Controller with LCD touchscreen (integral power supply)

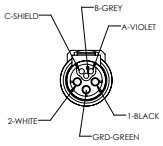
Series		Voltage		Finish	
EZSOLO	Easyl Solo	MVOLT	120V-277V VAC, 50/60 Hz	BK	Black
EZTOUCH	Easyl Touch			WH	White
EZPRO	Easyl Pro				

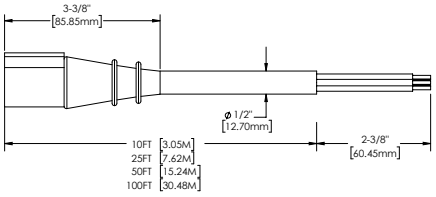
Refer to EASYL spec sheet for additional details and options

Feed Cable, Right Feed (Female Plug), EXTERIOR (Linear)
*Minimum of one feed cable, left or right, required per installation

Carries DMX or NON-DMX signal and 120-277 line voltage power to right end of first fixture in run.
Supplied with termination/sealing cap.
Use one feed cable per run only.

Model	
FCCSL100D	100FT Feed Cable Wet Location with DMX Plug
FCCSL10D	10FT Feed Cable Wet Location with DMX Plug
FCCSL25D	25FT Feed Cable Wet Location DMX Plug
FCCSL50D	50FT Feed Cable Wet Location DMX Plug
NOFCL	No Power Feed Cable
FCCSL100N	100FT Feed Cable Wet Location Non DMX Plug
FCCSL10N	10FT Feed Cable Wet Location Non DMX Plug
FCCSL25N	25FT Feed Cable Wet Location Non DMX Plug
FCCSL50N	50FT Feed Cable Wet Location Non DMX Plug



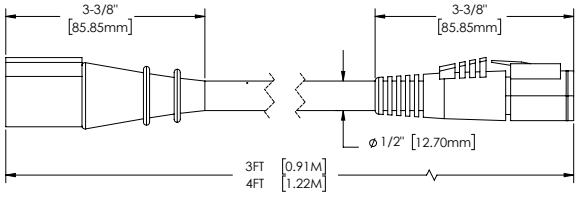


ACCESSORY OPTIONS (CONTINUED)

Jumper Cable EXTERIOR (Linear) *Optional*

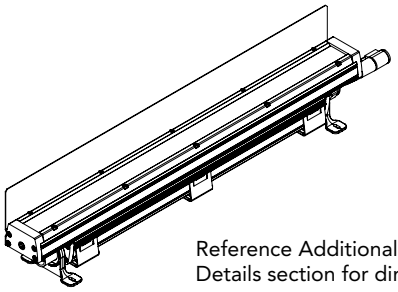
Model	
HJCLW3L	3FT Jumper Cable Exterior Location (Black)
HJCLW4L	4FT Jumper Cable Exterior Location (Black)

Standard fixture is supplied with 15" cable to connect fom one fixture to the other in a continous run application. If a larger gap between fixtures is required, an optional jumper cable can be ordered seperatley. Cable carries DMX or NON-DMX signal and 120- 277 line voltage power between two units in a run.



Glare Visor (Linear) *Optional*

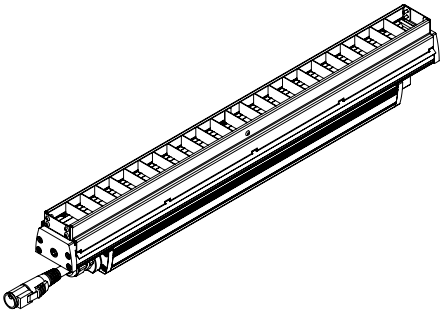
Model		Fixture Section		Finish	
HVSR5	Glare Visor Linear Surface	U2	2FT Length Unit	BKT	Black Textured Paint
		U3	3FT Length Unit	SIT	Silver Textured Paint
		U4	4FT Length Unit	WHT	White Textured Paint
				RALTBD	RAL Paint Finish
				CF	Custom Painted Finish



Reference Additional Accessory Details section for dimensions

Baffle (Linear) *Optional*

Model		Fixture Section	
HBFL5	Baffle Linear Surface (Available in matte black finish only)	U2	2FT Length Unit
		U3	3FT Length Unit
		U4	4FT Length Unit



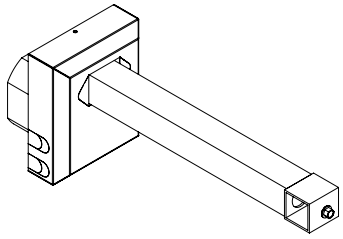
Reference Additional Accessory Details section for dimensions

© 2013-2024 Acuity Brands Lighting, Inc. • One Lithonia Way Conyers GA 30012
Phone: 800-705-SERV (7378) • www.hydrel.com

ACCESSORY OPTIONS (CONTINUED)

Brackets *Optional*

Series		Finish	
CWM12	Cantilever Wall Mount 12" Projection	BKT	Black Textured Paint
CWM18	Cantilever Wall Mount 18" Projection	SIT	Silver Textured Paint
CWM6	Cantilever Wall Mount 6" Projection	WHT	White Textured Paint
		RALTBD	RAL Paint Finish
		CF	Custom Painted Finish

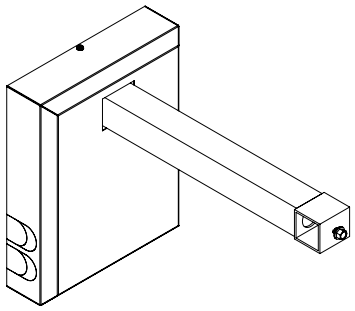


For use with recessed or remote junction box locations. Junction box (by others).

Reference Additional Accessory Details section for dimensions

Brackets *Optional*

Series		Finish	
CWML12	Cantilever Wall Mount Large 12" projection	BKT	Black Textured Paint
CWML18	Cantilever Wall Mount Large 18" projection	SIT	Silver Textured Paint
CWML6	Cantilever Wall Mount Large 6" projection	WHT	White Textured Paint
		RALTBD	RAL Paint Finish
		CF	Custom Painted Finish



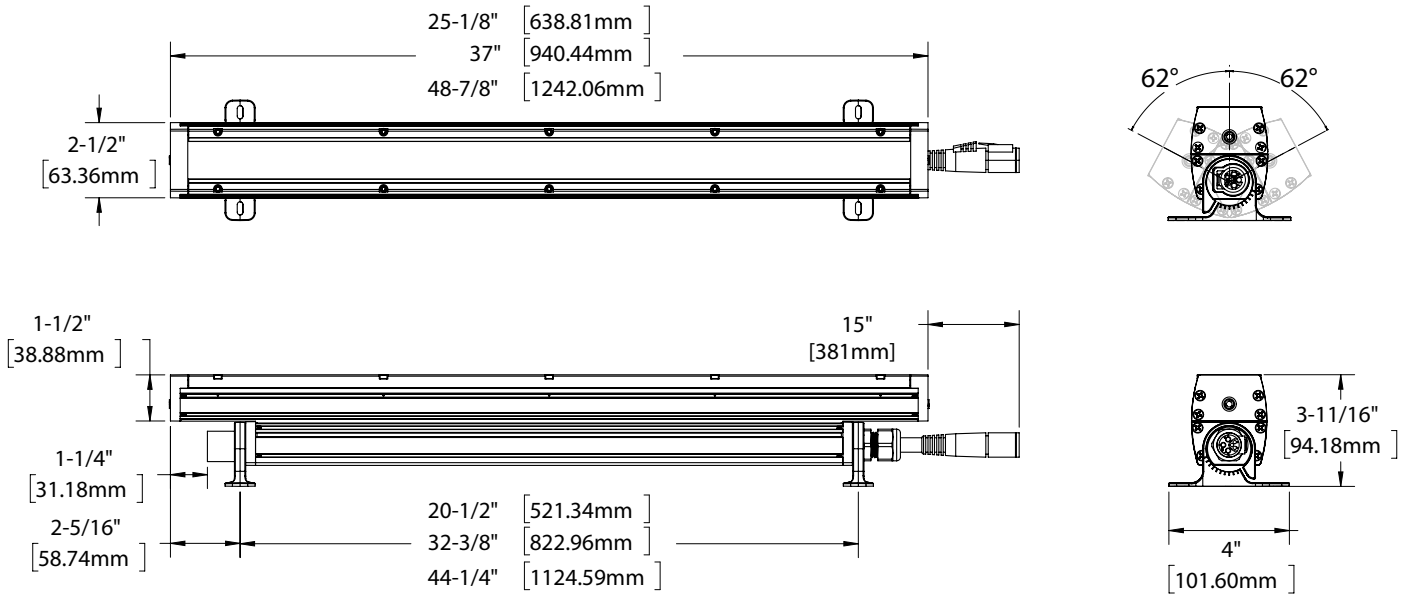
For use with surface mount junction box (by others) and surface mounted conduit (by others).

Reference Additional Accessory Details section for dimensions

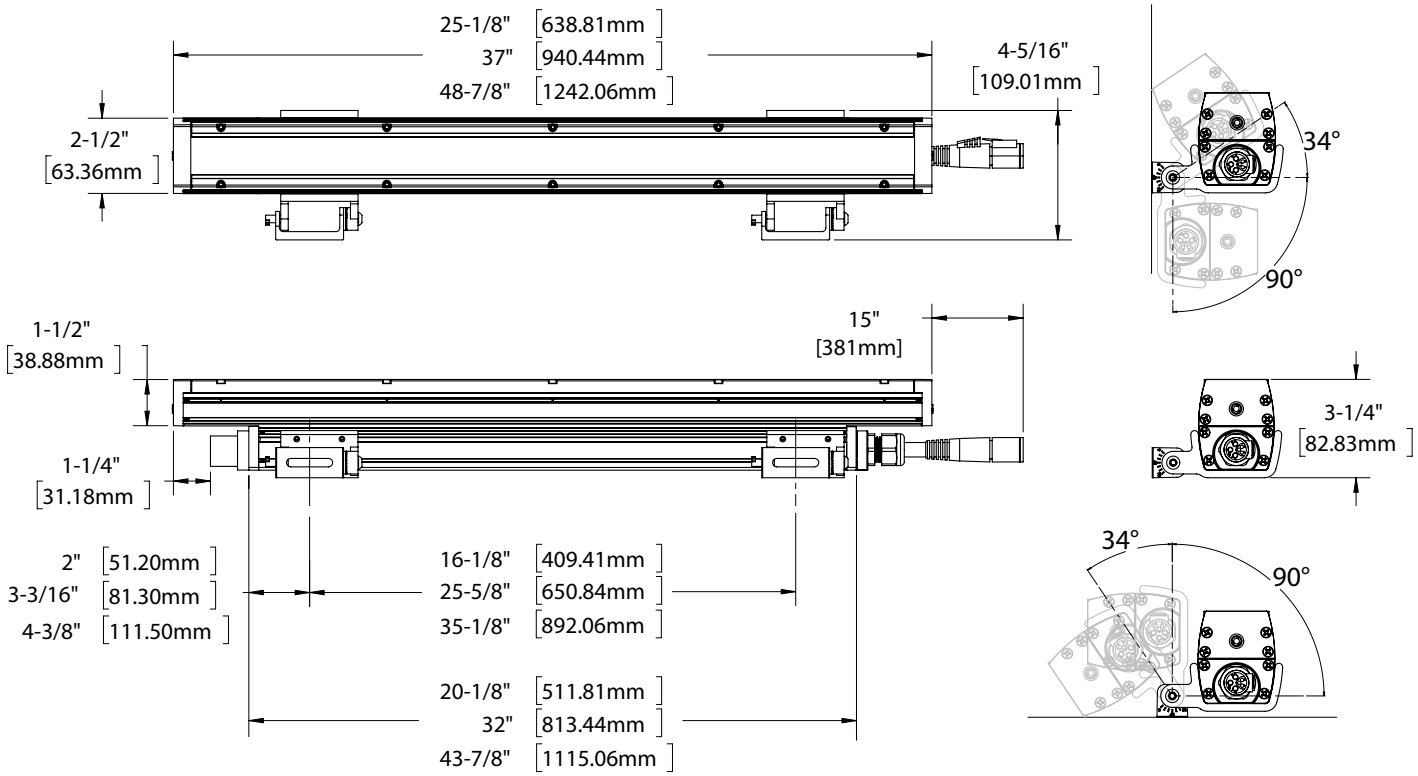
© 2013-2024 Acuity Brands Lighting, Inc. • One Lithonia Way Conyers GA 30012
Phone: 800-705-SERV (7378) • www.hydrel.com

DIMENSIONS & MOUNTING

H500ADJC1 - Adjustable Mount Center Axis

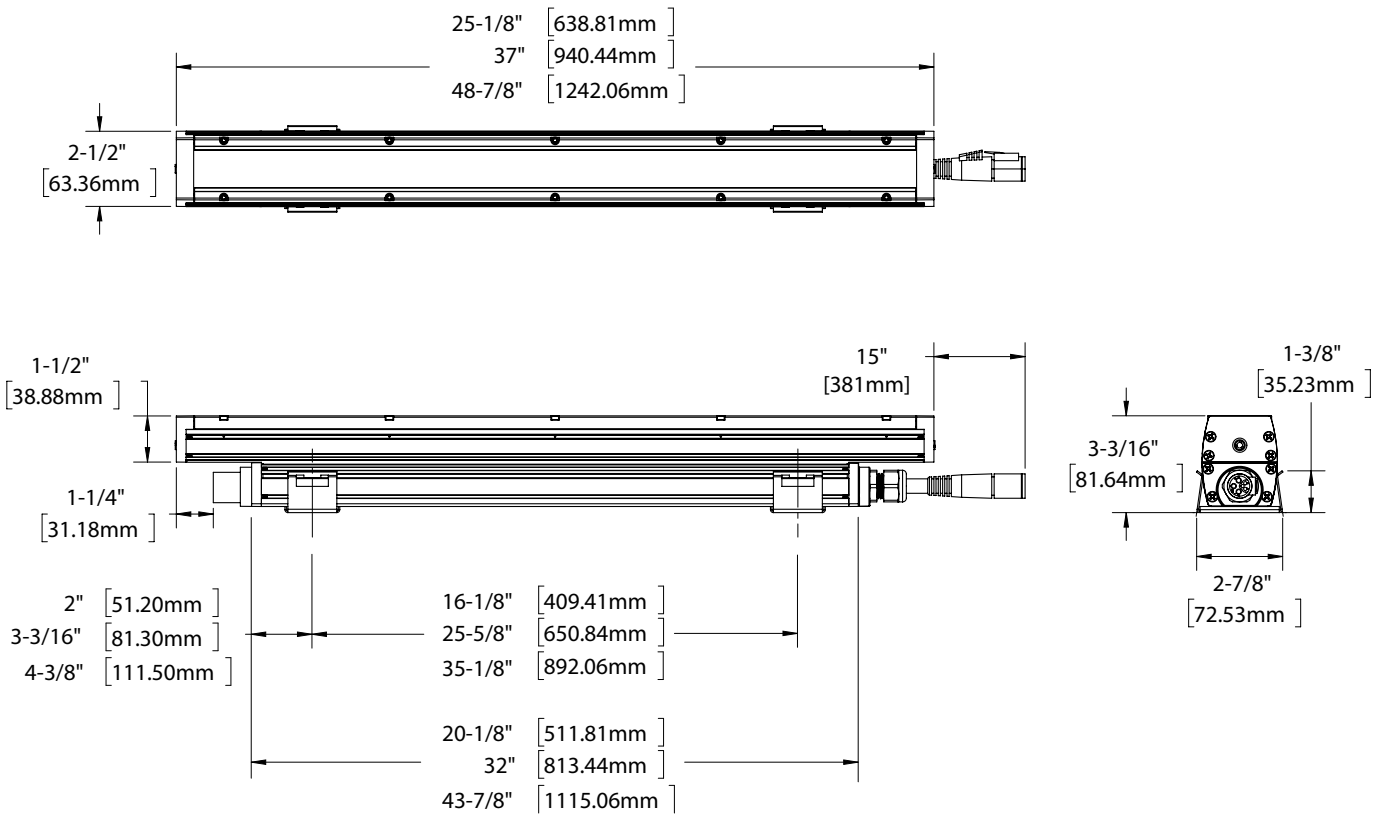


H500ADJH2 - Adjustable Mount Side Hinge



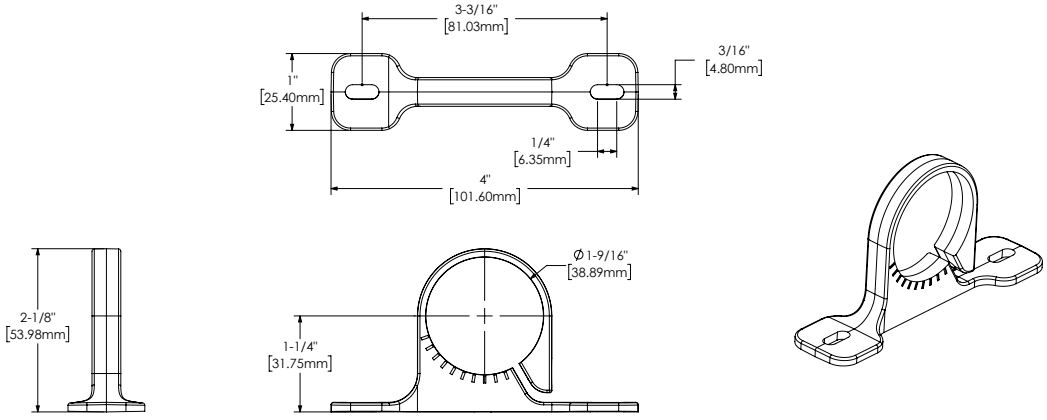
DIMENSIONS & MOUNTING

HM500FMC - Fixed Mount

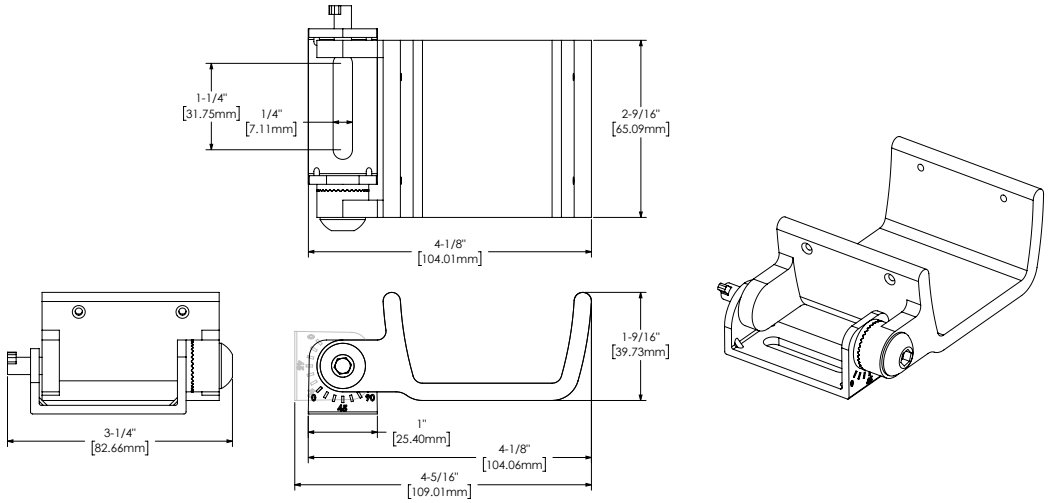


DIMENSIONS & MOUNTING (CONTINUED)

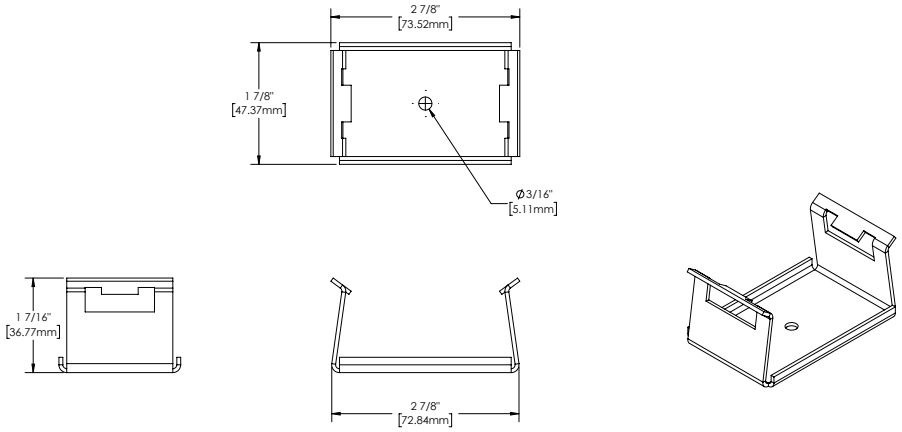
H500ADJC1 - Adjustable Mount Center Axis Detail



H500ADJH2 - Adjustable Mount Side Hinge Detail



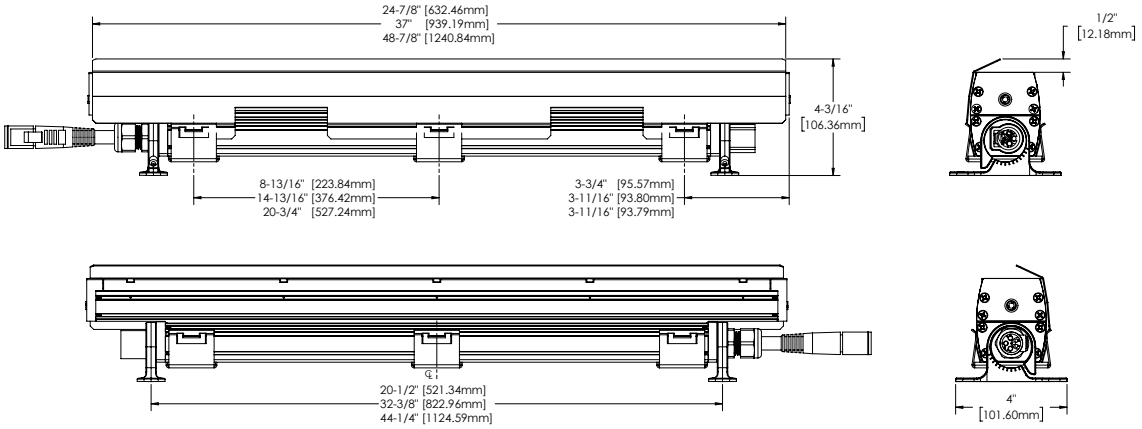
H500FMC - Fixed Mount Detail



DIMENSIONS & MOUNTING

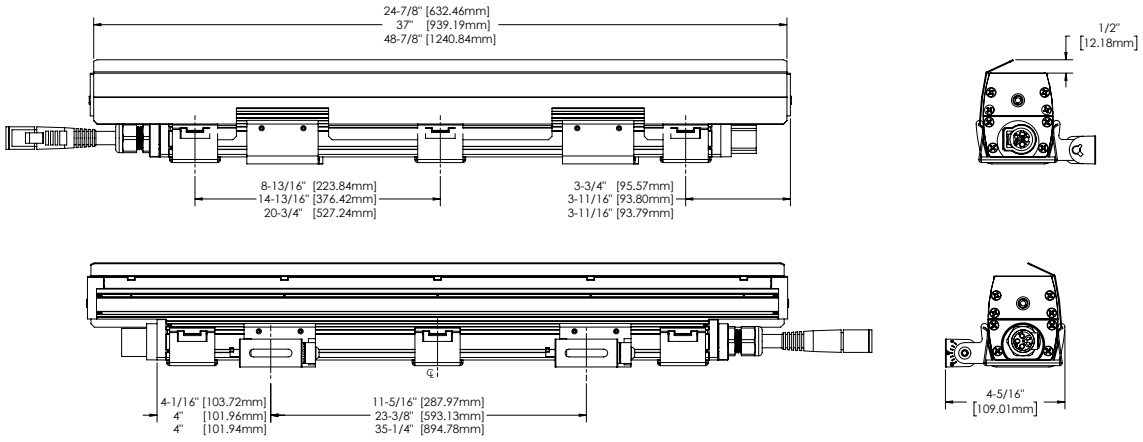
WWD Asymmetric Glare Visor with H500ADJC1 Mount

Automatically included when WWD distribution is ordered.



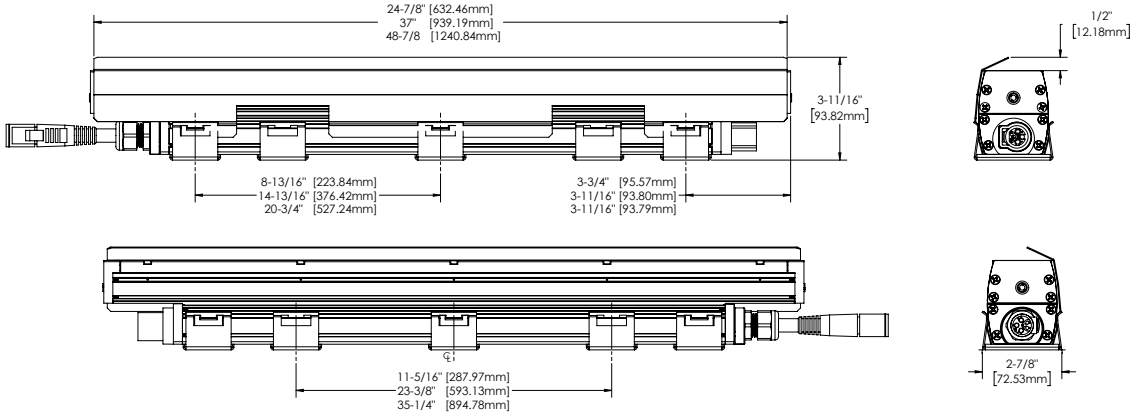
WWD Asymmetric Glare Visor with H500ADJH2 Mount

Automatically included when WWD distribution is ordered.



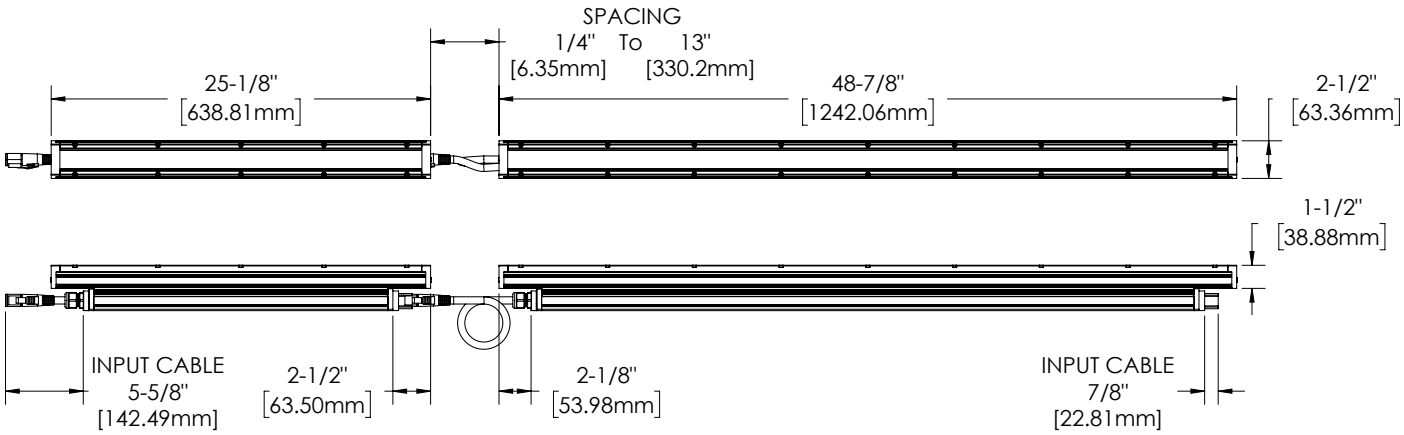
WWD Asymmetric Glare Visor with H500FMC Mount

Automatically included when WWD distribution is ordered.



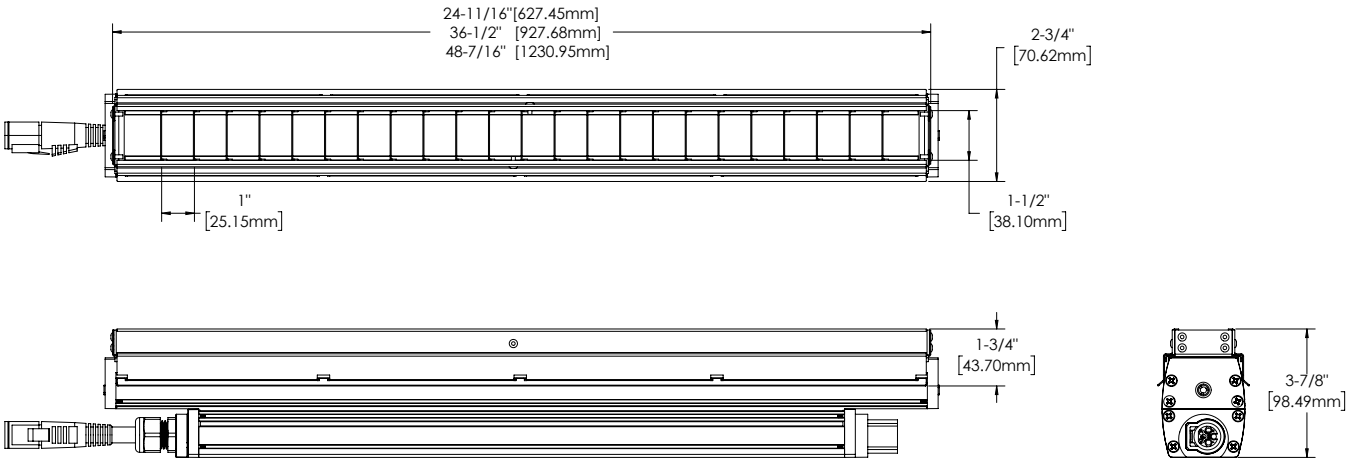
DIMENSIONS & MOUNTING (CONTINUED)

HLF501 Series Typical End-To-End Run Configuration



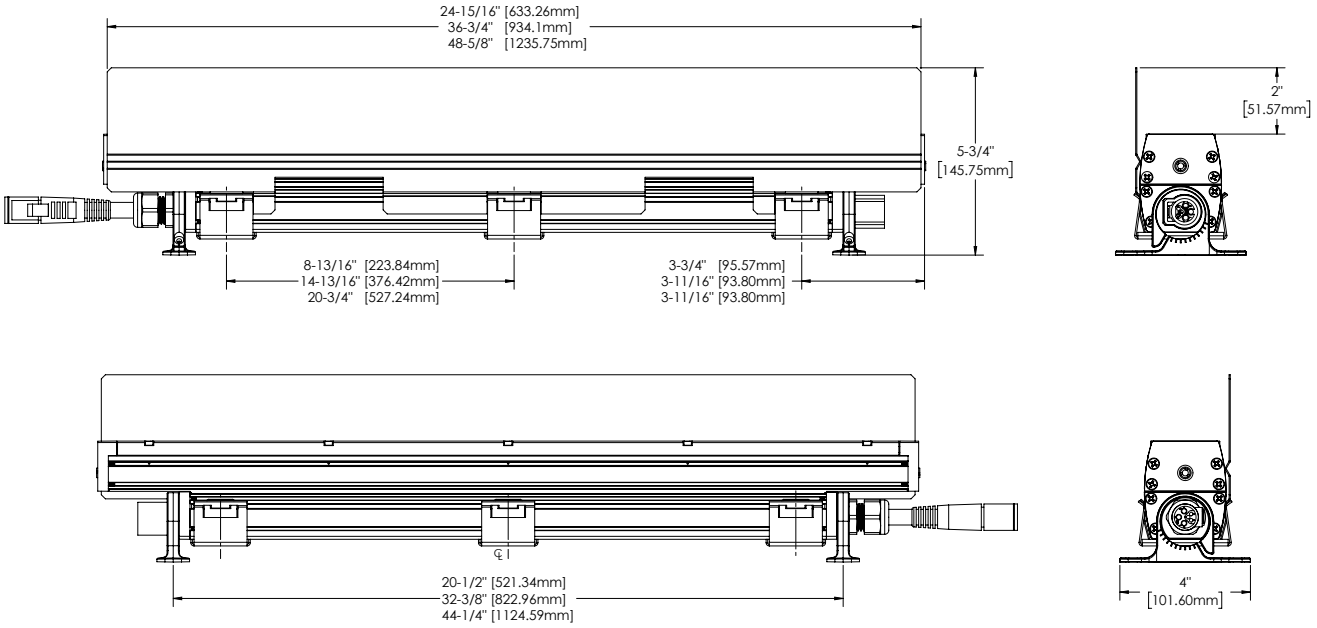
ADDITIONAL ACCESSORY DETAILS

Baffle Linear Surface

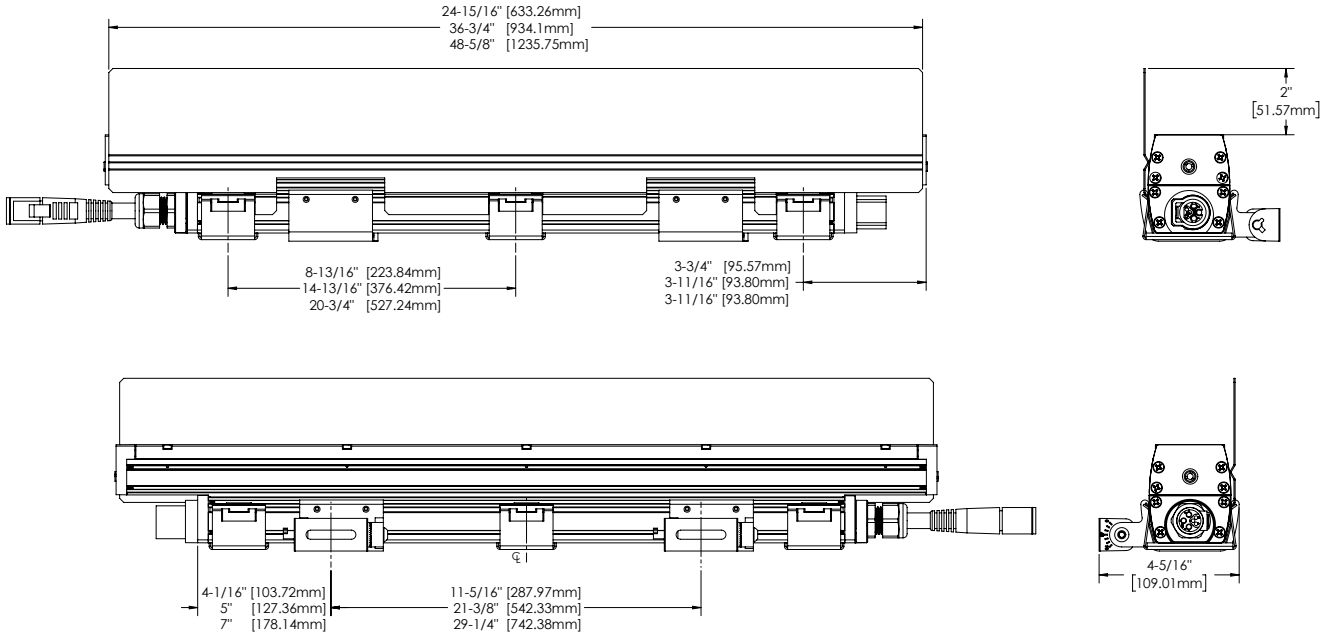


ADDITIONAL ACCESSORY DETAILS (CONTINUED)

Glare Visor with H500ADJC1 Mount



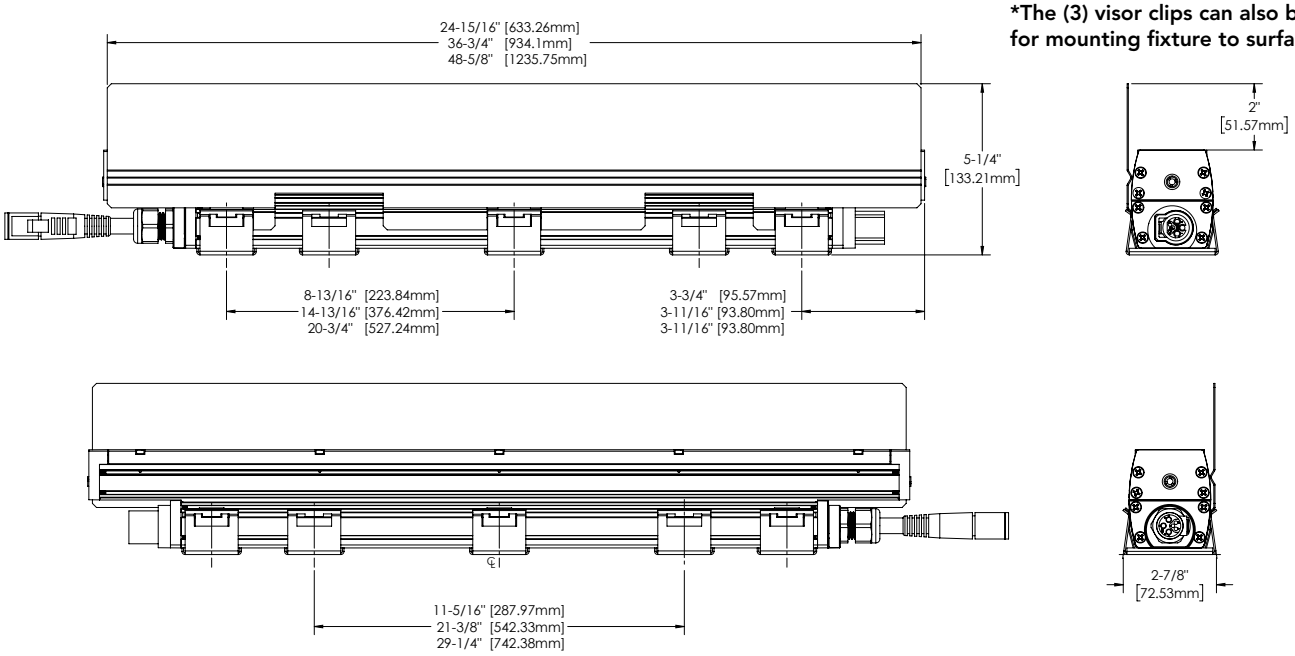
Glare Visor with H500ADJH2 Mount



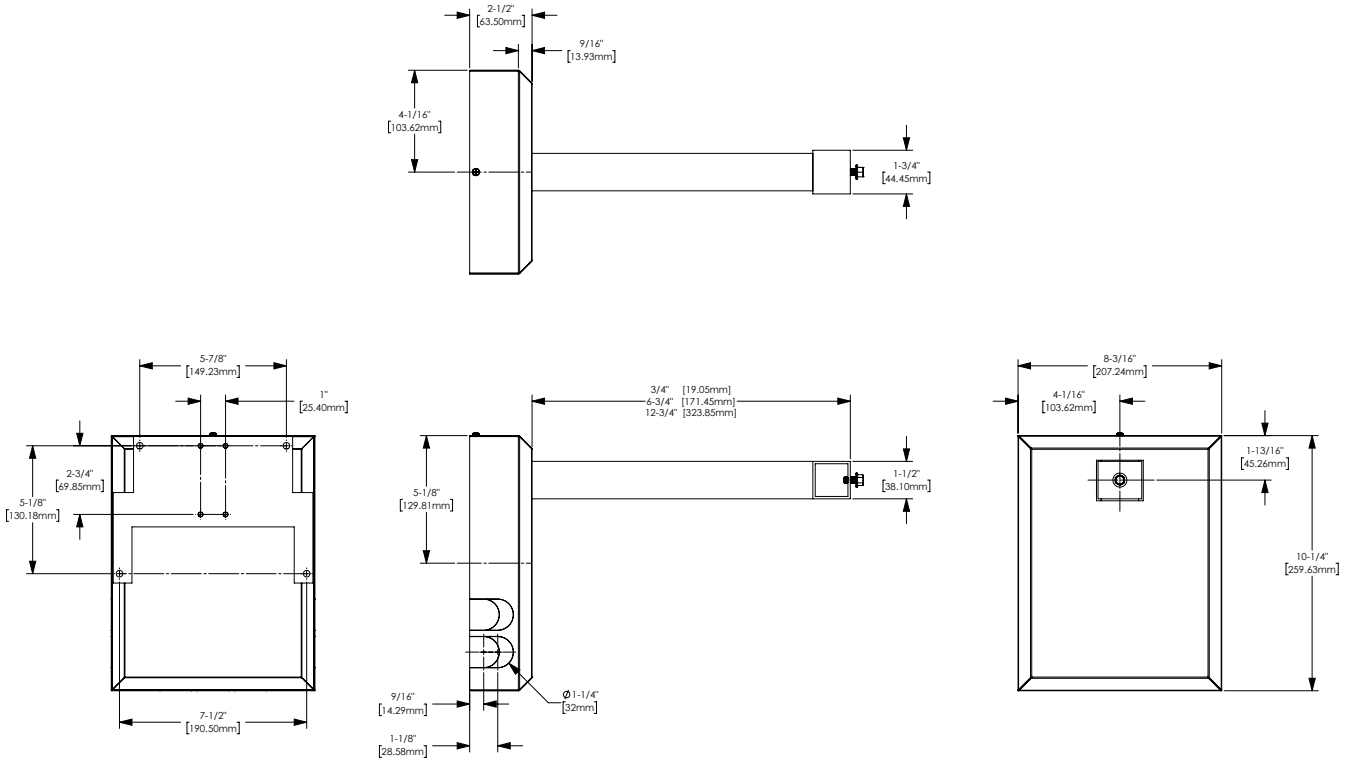
ADDITIONAL ACCESSORY DETAILS (CONTINUED)

Glare Visor with H500FMC Mount

*The (3) visor clips can also be used for mounting fixture to surface.

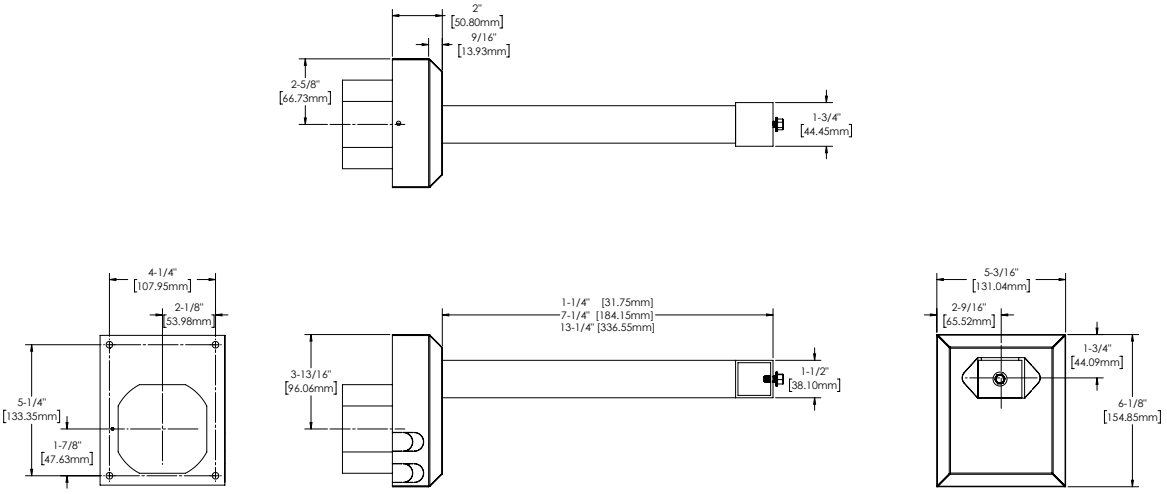


Cantilever Wall Mount Bracket Large Detail



ADDITIONAL ACCESSORY DETAILS (CONTINUED)

Cantilever Wall Mount Bracket Detail

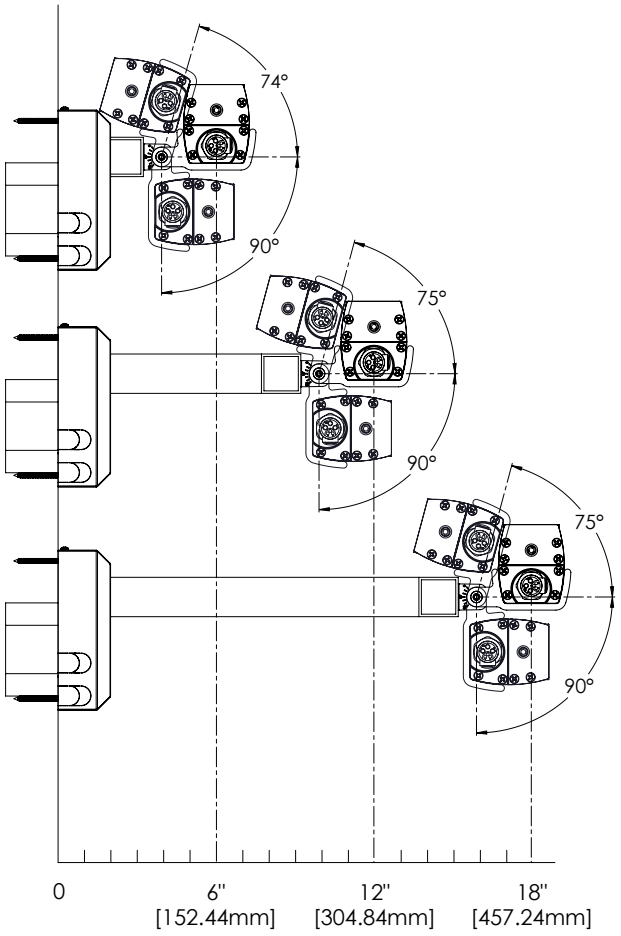


Cantilever Wall Mount Bracket Detail with 500ADJH2 and Fixture

Adjustable Extended Arm Mounting 6"

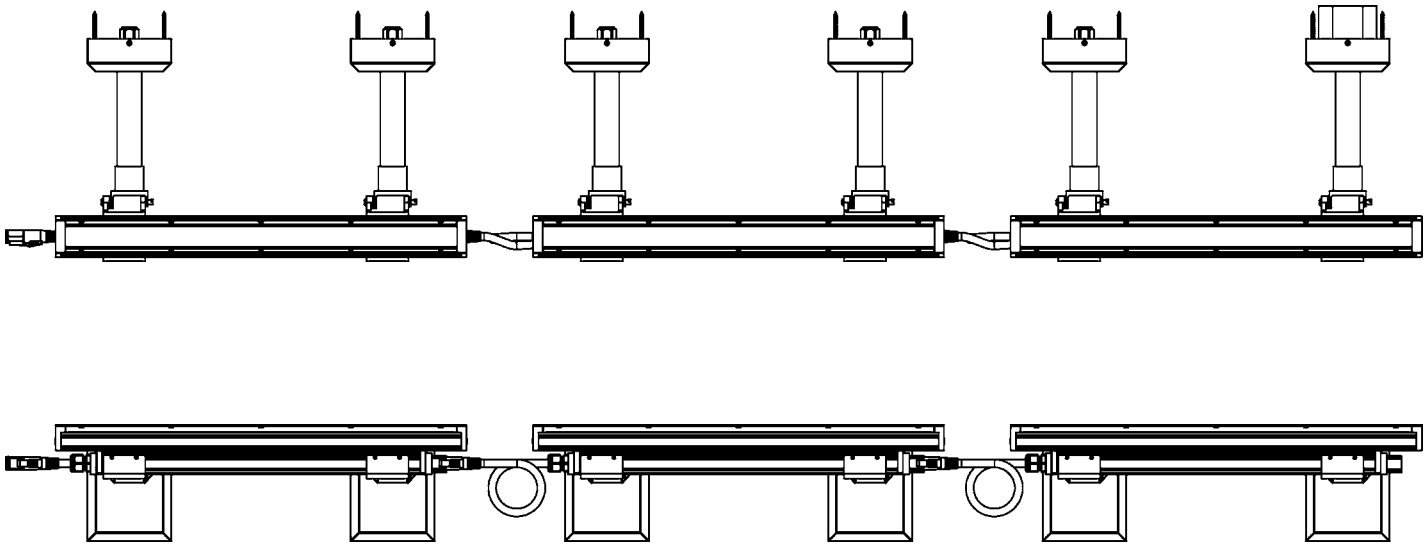
Adjustable Extended Arm Mounting 12"

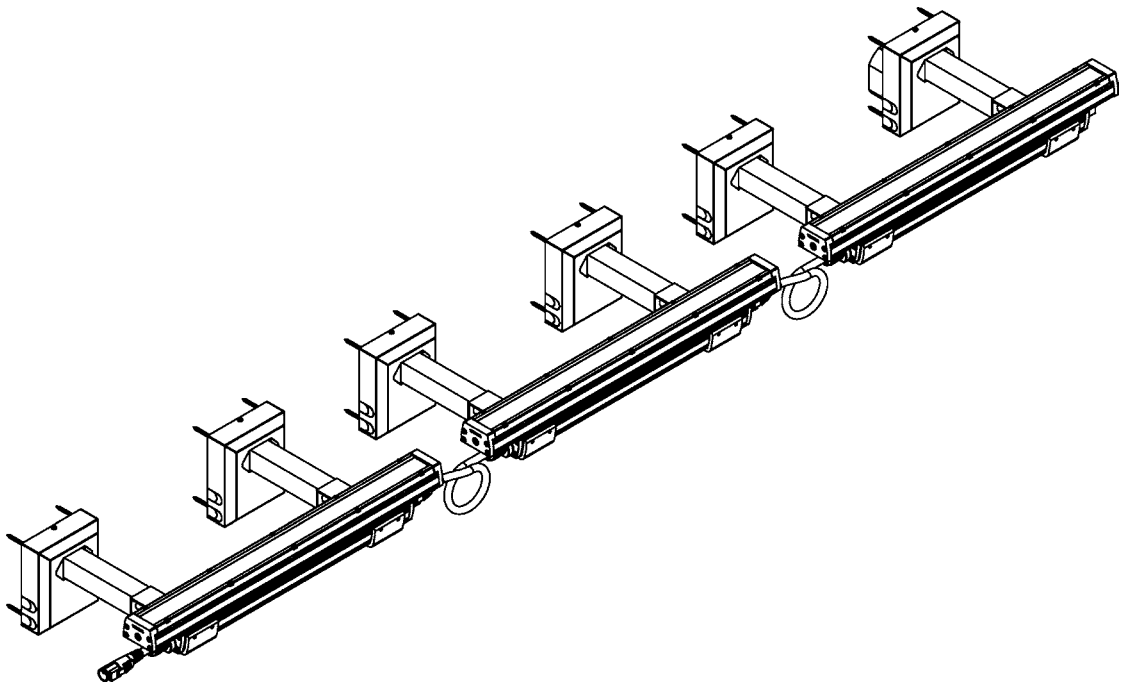
Adjustable Extended Arm Mounting 18"



ADDITIONAL ACCESSORY DETAILS (CONTINUED)

HLF501 Series Typical End-To-End Run Configuration with Cantilever Wall Mount (Showing 6-foot run of (3) 2-foot units with CWM12 wall mount accessory)





SPECIFICATIONS & FEATURES

Voltage: 120 through 277v 50/60Hz

Distribution: 9° x 9°, 10° x 60°, 15° x 30°, 30° x 60°, 40° x 60°, 60° x 60°, Asymmetric Wall Wash

Size: 2.50 W x 3.00 H

Housing: Extruded aluminum one-piece construction with fasteners

Finish: Polyester powder coat painted finish. Black oxide fastener color with BKT finish and natural stainless steel fastener color with WHT & SIT finishes

Lens Material: Extruded acrylic

Lumen Maintenance: Static White and Static Color LED (9° x 9°, 10° x 60°): 60,000 hours L70 @ +120deg C. (15° x 30°, 30° x 60°, 40° x 60°, 60° x 60°, WWD): 120,000 hours L70@ +55deg C. Static White with DVL 60,000 hours L70 @ +55deg C. Static Color LED with DVL 120,000 hours L70 @ +55deg C

LED: 12 LED diodes per foot

Dominant Wavelengths: RED (627nm), GREEN (530nm), BLUE (466nm), AMBER (585-600nm)

Control System: 0-10V dimmer control or for DMX operation, Easyl or Fresco DMX512 controller

Ambient Temperature Ranges: -40° to +50°C

Mounting: Side hinge, Center axis, and fixed mounting brackets available for installation flexibility and luminaire aiming. Suitable for outdoor wet location applications

Ingress Protection Rating: IP66 rated per IEC60598

Vibration: 3G vibration rated per ANSI C136.31

Government Procurement
BAA – Buy America(n) Act: Product qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product also qualifies as manufactured in the United States under DOT Buy America regulations.
BABA – Build America Buy America: Product qualifies as produced in the United States under the definitions of the Build America, Buy America Act.
Please refer to www.acuitybrands.com/resources/buy-american for additional information.

Certification/Compliance: CSA Certified to meet U.S. and Canadian standards conforming to UL 1598 and CAN/CSA C22.2 No. 250.0

Weight: 24" - 7.5 lbs (3.40kg) / 36" - 11 lbs (4.98kg) / 48" - 13 lbs (5.90 kg)

Warranty: 5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

NOTE: Actual performance may differ as a result of end-user environment and application.
All values are design or typical values, measured under laboratory conditions at 25 °C.
Specifications subject to change without notice.

© 2013-2024 Acuity Brands Lighting, Inc. • One Lithonia Way Conyers GA 30012
Phone: 800-705-SERV (7378) • www.hydrel.com

L14

Shop Now

Project Name:_____ Type: _____ Quantity: _____

Alcon 9150 Multi-Directional LED Pathlight

FIXTURE SPECIFICATIONS

INTENDED USE

The unique LED landscape multiple directional marking well light illuminates pathways with quality, efficient lighting. Designed with a durable, tempered lens and a silicone-sealed gasket to protect the fixture from insects, water and moisture, this product is ideal for landscape applications.

FEATURES

Dimensions: W 3-3/8" x **H** 6-7/8"
Finish: Cast Brass
Mounting: In-Ground Direct Burial or Concrete Encasement **Faceplate:** Cast Brass with Heat Dissipative Holes
Lens: Clear and Heat resistant Flat Glass
Gasket: Weather Tight Protection
Wiring: Pre-wired with a 3 FT 18-2 SPT2-W Direct Burial Cord **Electrical:** Remote 12V Transformer Required
Voltage: 9-17V
Wattage: 5W
Life: 50,000 Hours
Warranty: Limited Lifetime Warranty on Fixture

STAINLESS STEEL TRANSFORMERS

SST40W
SST75W
SST100W
SST200W
SST300W

Q360 - 360°

S90 - Single 90°

D90 - Dual 90°

D180 - Dual 180°

SPEC GRADE

ASSEMBLED IN THE USA

DIMMABLE

LIMITED LIFETIME WARRANTY

ORDERING INFORMATION Example:(9150-30K-15-Q360)

Model	Color Temp	Beam Spread	Marker Design
9150	**27K** - 2700K **30K** - 3000K	**15** - 15° Spot **38** - 38° Flood **60** - 60° Wide Flood	**S90** - Single 90° **D90** - Dual 90° **D180** - Dual 180° **Q360** - 360°

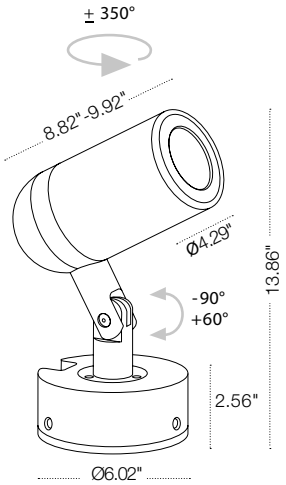
L15

AKRO 1.1

datasheet

Akro is a versatile outdoor gobo floodlight with an anodized aluminum body housing a system of optics which allows a manual variation of the zoom and variable beam widths (13°—32° or 16°—42°). It comes in 3 standard color temperatures and multiple filter combinations such as elliptical, diffusion, dichroic and color temperature conversion.

Fixture Dimensions



TECHNICAL DATA

Wattage / Input	43W (120VAC)
Power Supply	Integral
Construction	Body: Anodized Aluminum Alloy EN AW 6082 Lens: Tempered, Extra-Clear Glass
CCT	2700K, 3000K, 4000K
CRI	>80, >90
Lumens at Source	3260 lm (3000K, CRI 80) 2610 lm (3000K, CRI 90)
Efficacy	75.8 lm/W (3000K, CRI 80) 60.7 lm/W (3000K, CRI 90)
Optics	2 Optical Ranges (see below)
Finishes	Black Anodized Aluminum
Fixture Dimensions	Ø4.29” x 11.42” h
Fixture Weight	12.35 lbs
LED Source	1 COB High Intensity Power LED
Lumen Maintenance	L80 >50,000hrs (Ta 25°C)
Color Consistency	3-Step MacAdam
Operating Temp.	-4°F to +113°F
IP Rating	IP66
Impact Rating	IK06

AK1110-0-5-R2-N

ORDERING INFORMATION

Example: AK11101FR1N. Accessories ordered separately.

AK1110				**N**
Model No.	**CRI**	**CCT**	**Optics**	**Finish**
AK1110	**0** - 80 CRI **1** - 90 CRI	**F** - 2700K **5** - 3000K **9** - 4000K	**R1** - 13° - 32° **R2** - 16° - 42°	**N** - Black

Job Name/Date:

Fixture Type Designation:

sales@designplan.com
www.designplan.com

79 Trenton Avenue, Frenchtown NJ 08825

© Copyright 2019 Designplan Lighting, Inc.

Published: September 6, 2023

P: 908-996-7710
F: 908-996-7042

AKRO 1.1

datasheet

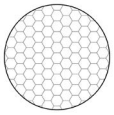
ACCESSORIES
Installation

WE0300
Extractor for IP66 cartridge

WR0100
Mock-up cartridge
FILTERS NOT INCLUDED
See Below

WE0301
Accessory for positioning filters

ACCESSORIES
Anti-Glare



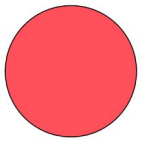
WH0506
Honeycomb Louvre

WB1101N
Standard Snoot

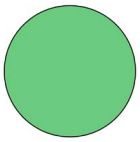
WB1102N
Asymmetric Snoot

WB1103N
Barn doors

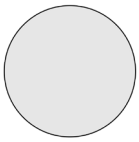
ACCESSORIES
Filters



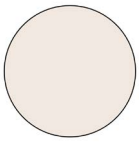
WR0001
Dichroic filter - red



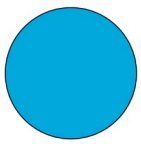
WR0002
Dichroic filter - green



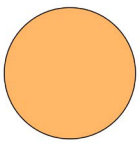
WR0010
Optical filter - diffusion



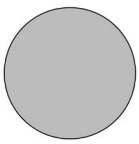
WR0030
Color temperature conversion filter - warm white light



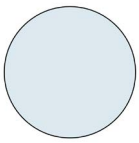
WR0003
Dichroic filter - blue



WR0004
Dichroic filter - orange



WR0020
Optical filter - elliptical



WR0031
Color temperature conversion filter - cold white light

Job Name/Date:

Fixture Type Designation:

sales@designplan.com
www.designplan.com

79 Trenton Avenue, Frenchtown NJ 08825

P: 908-996-7710
F: 908-996-7042

© Copyright 2019 Designplan Lighting, Inc.
Published: September 6, 2023

L15

AKRO 1.1

datasheet

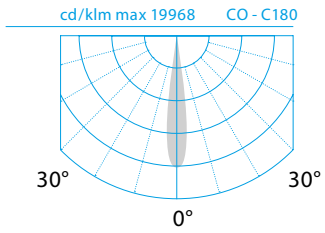
PHOTOMETRIC DATA

Note all Photometry is 3000K

CRI 80

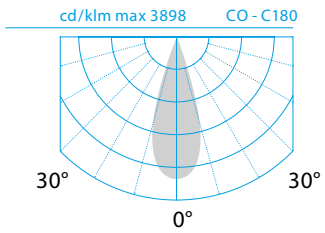
R1 - 13° (13°—32°)

H (ft)	Ø (ft)	Fc max (3000K)
19.7	4.49	36
39.4	8.99	9
59.1	13.5	4
78.7	18.0	2
98.4	22.5	1



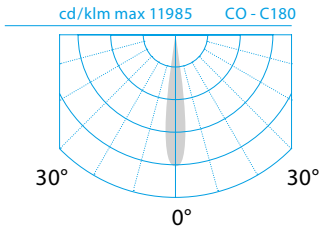
R1 - 32° (13°—32°)

H (ft)	Ø (ft)	Fc max (3000K)
19.7	11.6	7
39.4	23.1	2
59.1	34.7	1
78.7	46.3	0.5
98.4	57.8	0.3



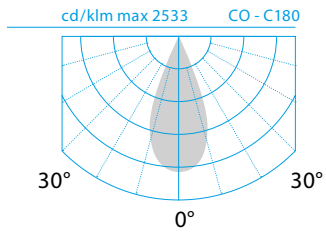
R2 - 16° (16°—42°)

H (ft)	Ø (ft)	Fc max (3000K)
19.7	5.48	37
39.4	10.9	9
59.1	16.4	4
78.7	21.9	2
98.4	27.3	1



R2 - 42° (16°—42°)

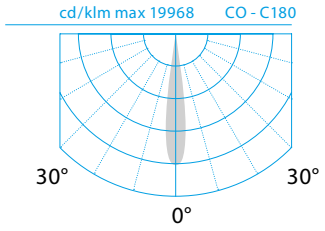
H (ft)	Ø (ft)	Fc max (3000K)
19.7	15.2	7
39.4	30.4	2
59.1	45.6	1
78.7	60.8	0.5
98.4	76.0	0.3



CRI 90

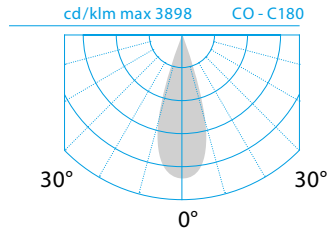
R1 - 13° (13°—32°)

H (ft)	Ø (ft)	Fc max (3000K)
19.7	4.49	27
39.4	8.99	7
59.1	13.5	3
78.7	18.0	2
98.4	22.5	1



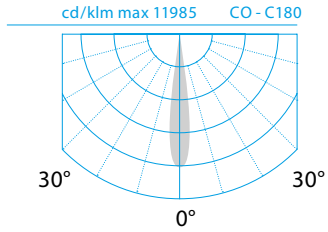
R1 - 32° (13°—32°)

H (ft)	Ø (ft)	Fc max (3000K)
19.7	11.6	5
39.4	23.1	1
59.1	34.7	0.6
78.7	46.3	0.4
98.4	57.8	0.2



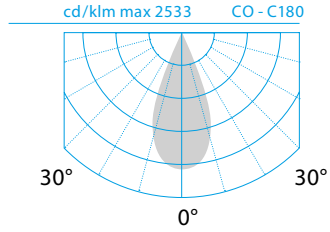
R2 - 16° (16°—42°)

H (ft)	Ø (ft)	Fc max (3000K)
19.7	5.48	28
39.4	10.9	7
59.1	16.4	3
78.7	21.9	2
98.4	27.3	1



R2 - 42° (16°—42°)

H (ft)	Ø (ft)	Fc max (3000K)
19.7	15.2	6
39.4	30.4	1
59.1	45.6	0.7
78.7	60.8	0.4
98.4	76.0	0.2



Job Name/Date:

Fixture Type Designation:

sales@designplan.com
www.designplan.com

79 Trenton Avenue, Frenchtown NJ 08825

© Copyright 2019 Designplan Lighting, Inc.

Published: September 6, 2023

P: 908-996-7710
F: 908-996-7042

L17

CORE/WL 3

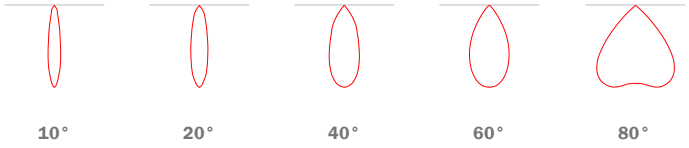
ROUND, WET LOCATION, DIRECT ILLUMINATION

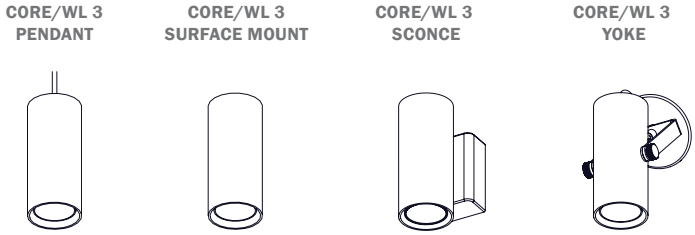
SPECIFICATIONS

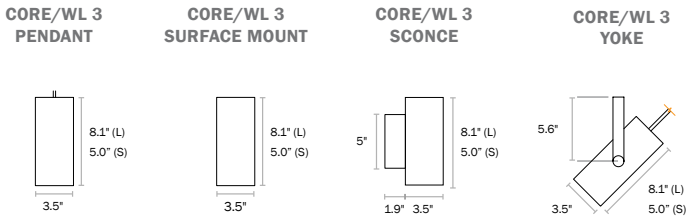
PROFILE	Round
SIZE	3.5” diameter, 8.1” or 5.0” shell height
LED OUTPUT	700lm - 2,000lm
CCT/CRI	2700K/3000K/3500K/4000K • 83 CRI or 98 CRI
DIMMING/ DRIVER	Internal, Canopy, and Remote Driver: 0-10V, Phase, DALI, DMX, eldoLED, Lutron®. Dimming to 0% for select models.
POWER	5.6W to 19.5W per fixture
INPUT	100VAC to 277VAC Phase dimmable versions are 120VAC only
OPTICS	10° - 80° distribution spun aluminum reflectors. Field replaceable without tools.
FINISHES	Powder coat - TGIC polyester for exterior and interior use
MATERIAL	Extruded aluminum with stainless steel hardware
ENVIRONMENT	Wet location, IP66 rated LED module
WELL	For UGR values and recommended options that contribute to meeting the WELL Building Standard™ see WELL addendum.

*Safety and Performance information available on last page. Output and other specifications available on page 6.

DISTRIBUTIONS & PROFILES







Not to scale. Dimensions are nominal. Consult factory for CAD drawing

Intertek

L17

CRP3/WL 10 83 35 40 N V10 L SB RS

PRODUCT SUBMITTAL QUICK WORKSHEET

–						–		–	–		–	–
1		2	3	4	5	6	7	8	9	10	11	12	13

EXAMPLE: CRP3/WL – 10982740HL – RV10 – L – BABK/12 – AC – EMB
1 2 3 4 5 6 7 8 9 10 11 12 13

1. MODEL (CHOOSE 1)

- ☐ **CRP3/WL** Pendant
- ☐ **CRM3/WL** Surface Mount
- ☐ **CRS3/WL** Sconce
- ☐ **CRY3/WL** Yoke

2. OUTPUT (CHOOSE 1)

- ☐ **07** 700lm
- ☐ **10** 950lm
- ☐ **13** 1300lm
- ☐ **20**[1] 2000lm

[1]Available for 83CRI only

3. CRI (CHOOSE 1)

- ☐ **83** 83
- ☐ **98** 98

4. CCT (CHOOSE 1)

- ☐ **27** 2700K
- ☐ **30** 3000K
- ☐ **35** 3500K
- ☐ **40** 4000K

5. REFLECTOR* (CHOOSE 1)

- ☐ **10**[2] 10° (0.3 S/MH)
- ☐ **20** 20° (0.4 S/MH)
- ☐ **40** 40° (0.7 S/MH)
- ☐ **60** 60° (0.8 S/MH)
- ☐ **80** 80° (1.3 S/MH)

*Beam angles noted above are nominal.
[2]Available for 1300lm 83CRI and lower or 950lm 98CRI and lower.

6. OPTICAL ACCESSORY (CHOOSE 1)

- ☐ **NN** None
- ☐ **HL**[3] Honeycomb Louver
- ☐ **DF** Diffusion Lens
- ☐ **LS** Linear Spread Lens (60° x 1°)
- ☐ **WW** Wall Wash Lens (shifts beam 20° from vertical)
- ☐ **FT**[4] Forward Throw

[3]Not available for UP sconce style.
[4]Available for sconce only.

7. DRIVER LOCATION* (CHOOSE 1)

- ☐ **N**[5,6] Internal
- ☐ **R** Remote
- ☐ **D**[7] Deep Canopy

*See 'Dimming/driver location compatibility on page 7 to ensure correct dimming specification.
[5]Sconce only.
[6]Internal driver located in arm on sconces.
[7]Not available for sconces.

8. DIMMING* (CHOOSE 1)

- ☐ **V10** (0-10V, dim to 10%)
- ☐ **P10** (Phase, dim to 10%)
- ☐ **ELDV0** (eldoLED, 0-10V, dim to 0%)
- ☐ **LDE1**[8] (Lutron ECOSYS1, 0-10V, dim to 1%)
- ☐ **LTEA**[8] (Lutron HI-Lume, Phase dim, 2-wire to 1%)
- ☐ **DALI**[8] (DALI, dim to 0%)
- ☐ **DMX**[8] (DMX, dim to 0%)

*See 'Driver' and 'dimming/driver compatibility' charts for dimming compatibility.
[8]Premium drivers available for remote driver location only.

9. SHELL HEIGHT* (CHOOSE 1)

- ☐ **L** 8.1" Shell
- ☐ **S**[9,10] 5.0" Shell

*See page 3 for shell dimension drawings.
[9]Available for remote and deep canopy driver locations.
[10]Internal driver location available for sconces only.

10. SHELL COLOR* (CHOOSE 1)

FINISHES**

- ☐ **SG** Silver Gray
- ☐ **SW** Satin White
- ☐ **SB** Satin Black
- ☐ **__** Specify Finish Code (Ex: OB = Oil-Rubbed Bronze)

SPECIAL ORDER FINISHES**

- ☐ **RAL____** Specify RAL Classic Color (Ex: RAL 3003) -
- ☐ **CAT____** Specify Catalog Colors
- ☐ **CCM____** Specify Custom Color Match

*See page 5 for finish chart.
**Manually type the finish code into the parametric code above.

11. SUSPENSION* (CHOOSE 1)

PENDANT OPTIONS

- ☐ **BK**[11] Black Cord
- ☐ **RS##**[12] Rigid Stem
- ☐ **SS##**[12] Swivel Stem

YOKE OPTIONS

- ☐ **SC** Standard Canopy
- ☐ **RS##**[12] Rigid Stem
- ☐ **SS##**[12] Swivel Stem

*Selection not required for surface mount and sconce.
[11]Standard cord length 6ft. For longer cords, type desired length after cord style in product code above (i.e BK/**8** = Black Cord + 8ft cord length)
[12]Type desired stem length (4" -100") into product code above.

12. SUSPENSION OPTIONS (OPTIONAL CHOOSE 1)

PENDANT OPTIONS

- ☐ **AC** Aircraft Cable
- ☐ **SB**[13] Seismic Bracing

SCONCE OPTIONS

- ☐ **UP**[14] Uplight

[13]Seismic bracing only available for Rigid Stem suspensions.
[14]Includes reflector cover.

13. EMERGENCY OPTIONS* (OPTIONAL)

- ☐ **EMB**[15] Emergency Battery

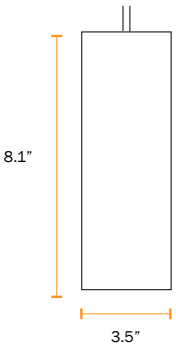
*Emergency options only available with 0-10V driver options. Third party inverter system recommended for other driver options. Refer to ALW EM Solution Catalog for all compatibility exceptions.
[15]Available for remote driver only.

L17

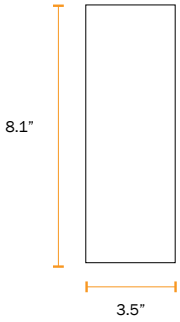
DIMENSIONS AND MOUNTING

SHELL HEIGHT L

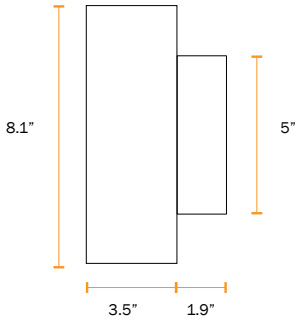
CORE/WL 3 PENDANT



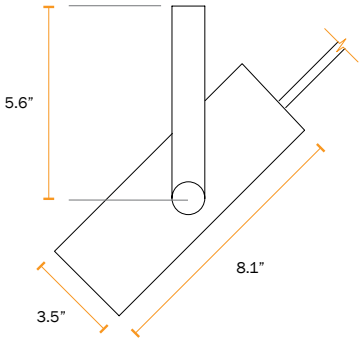
CORE/WL 3 SURFACE



CORE/WL 3 SCONCE

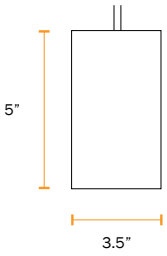


CORE/WL 3 YOKE

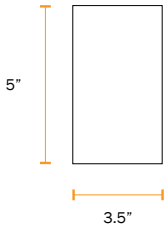


SHELL HEIGHT S

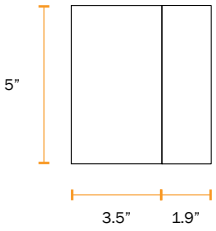
CORE/WL 3 PENDANT



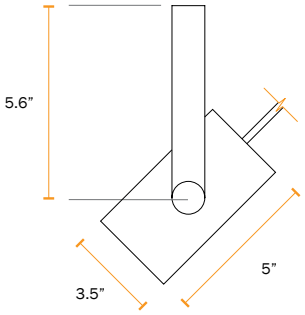
CORE/WL 3 SURFACE



CORE/WL 3 SCONCE



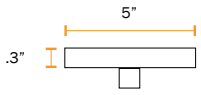
CORE/WL 3 YOKE



REMOTE DRIVER

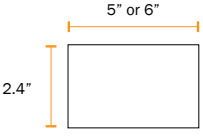
STANDARD SHALLOW CANOPY

PENDANT ONLY

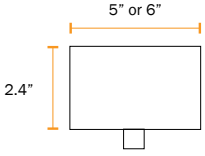


DEEP CANOPY MOUNTED DRIVER[16,17]

DEEP CANOPY FOR CANOPY MOUNTED LED DRIVERS



PENDANT ONLY



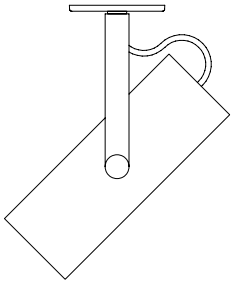
Not to scale. Dimensions are nominal. Consult factory for CAD drawings
All canopies fit standard 3.5” and 4” round and octagonal junction boxes.
[16]Deep canopy diameter depends on LED driver size
[17]Dual output emergency battery fixtures may require 7” canopy

SS071222

L17

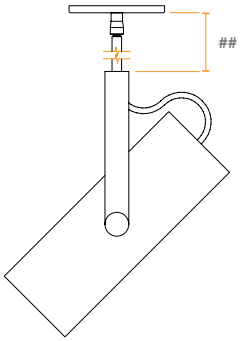
DIMENSIONS AND MOUNTING

YOKE STANDARD CANOPY



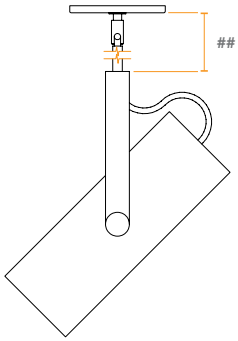
YOKE RIGID STEM

Includes 10° hang straight



YOKE SWIVEL STEM

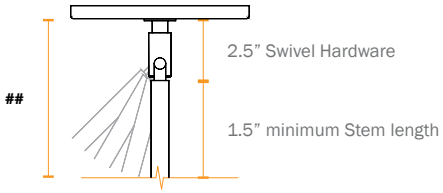
360° rotation x 90° tilt swivel



= length in inches from bottom of canopy to top of yoke

PENDANT SUSPENSION OPTIONS

SWIVEL STEM

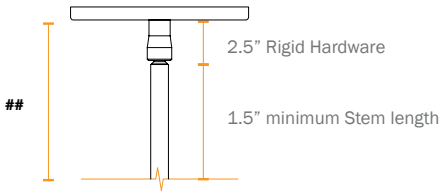


Order Code = **SS##**

= length in inches from bottom of canopy to top of fixture. Includes the swivel hardware. Minimum length for swivel hardware + stem is 4”. Total length (##) for swivel hardware alone is 2.5”.

360° rotation x 90° tilt swivel

RIGID STEM

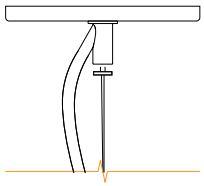


Order Code = **RS##**

= length in inches from bottom of canopy to top of fixture. Includes the rigid hardware. Minimum length for rigid hardware + stem is 4”. Total length (##) for rigid hardware alone is 2.5”.

Includes 10° hang straight

AIRCRAFT CABLE



Order Code = **AC**

Standard cable length = 6’

Cable length is field adjustable

Not to scale. Dimensions are nominal consult factory for CAD drawings

SS071222

L17

FINISHES

BASIC POWDER COAT

GW	SW	AW	TW	TB
Gloss White	Satin White	Antimicrobial Satin White	Textured Matte White	Textured Matte Black

METALLIC POWDER COAT

SG	CG	CU	BR
Silver Gray	Charcoal Gray	Copper	Brass

SATIN ANODIZED EFFECT POWDER COAT

CS	OB	DB	SB
Clear Silver	Oil-Rubbed Bronze	Dark Bronze	Satin Black

GLOSS POWDER COAT (80-95% GLOSS)

GO	GR	GM	GB
Orange RAL 2003	Red RAL 3020	Magenta RAL 4010	Blue RAL 5015

Contact ALW Quotes for sample paint finish swatches.

SPECIAL ORDER FINISHES*

RAL CLASSIC COLORS (80-95% GLOSS): RAL_ _ _ _

Most RAL Classic Colors are available for a minimum setup fee. On your specification submittal choose your RAL color by entering the 4-digit RAL code (Ex: RAL 3003).
See www.alwusa.com/finishes

CATALOG COLORS: CAT_ _ _ _

The complete range of powder coat colors from Tiger Drylac and TCI catalogs are available for a minimum setup fee. Consult ALW for a catalog color you would like to specify.

CUSTOM COLOR MATCH: CCM_ _ _ _

Custom powder coat color matching is available for a premium setup fee. Consult ALW for additional information.

*An individual setup fee will apply to each unique Special Order Finish per purchase order.
(ex: RAL 5023 and RAL 2008 are specified for multiple line items on a purchase order. 2x setup fees will apply)

*Printed or on-screen colors are only approximations - consult actual Color Chip Set before specifying)

CORD OPTIONS

Black
Order Code = **BK**

For all locations

L17

PERFORMANCE DETAILS

REFLECTOR OPTION[18]	CRI	OUTPUT OPTIONS	DELIVERED LUMENS[19]	EFFICACY (LM/W)	SYSTEM WATTS(W)	CCT OPTIONS
10° 20° 40° 60° 80°	Ra = 83 ± 3	700	643	115	5.6	2700K 3000K 3500K 4000K
		950	873	106	8.2	
		1300	1196	102	11.7	
		2000	1839	94	19.5	
	Ra = 98 ± 3	700	643	86.9	7.4	
		950	873	80.1	10.9	
		1300	1196	76.7	15.6	

[*]Based on 40° reflector for all outputs.
[*]Refer to IES files for full performance data.
[18]10° Reflector only available for 83CRI 1300lm and lower and 98CRI 950lm and lower.
[19]Actual lumens measured in field may differ +/- 10%.

L17

DRIVERS

PRODUCT CODE	DESCRIPTION
V10	0-10V dimming down to 10%
P10	ELV/TRIAC Phase dimming down to 10%
ELDV0	eldoLED, 0-10V dimming down to 0%
DALI	DALI flicker-free dimming down to 0%.
DMX	DMX flicker-free dimming down to 0%.
LDE1	ECOSYS1, (LDE1) Lutron Hi-lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology
LTEA	LTEA. Lutron Hi-lume 1% 2-wire TRIAC dimming (120V forward-phase only)

*Contact ALW for specific dimming level requests. ALW lighting fixtures are intended for use with a wide range of sensors, lighting controls, LED drivers, and building management systems. If there are specific components required for your application that aren't listed on this spec sheet, please contact ALW customer support today to specify a compatible solution of your choice.

DRIVER/LED LAMPING COMPATIBILITY			
	STD*	CA TITLE 24 JA8/JA10[20]	IEEE P1789 & HD TV STUDIO[21]
V10	●		
P10	●		
ELDV0	●	●	●
DALI	●	●	●
DMX	●	●	●
LDE1	●	●	●
LTEA	●	●	

DRIVER LOCATION/DRIVER COMPATIBILITY			
	INTERNAL*	DEEP CANOPY	REMOTE
V10	●	●	●
P10	●	●	●
ELDV0		●	●
DALI		●	●
DMX		●	●
LDE1		●	●
LTEA		●	●

● - Indicates compatibility

*Standard lamping (STD) - 700-2000LM

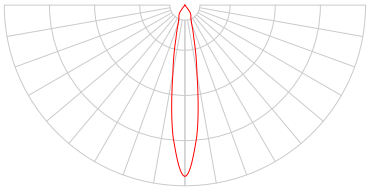
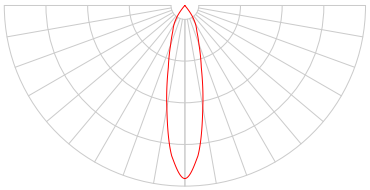
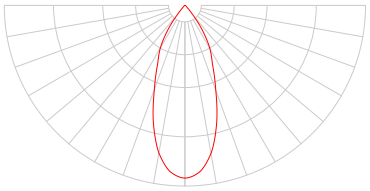
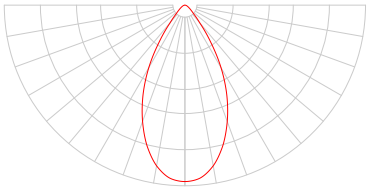
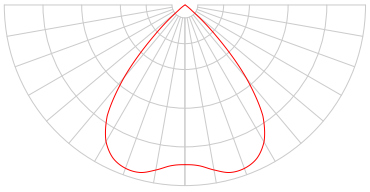
[20]Fixtures specified with 83CRI, 98CRI, 2700K, 3000K, 3500K, and 4000K lamping with applicable LED drivers have the ability to conform to California Title 24 JA8 and JA10 Appendices.

[21]The following drivers conform to IEEE P1789 Flicker Standard: 'IEEE Recommended Practices for Modulating Current in High-Brightness LEDs for Mitigating Health Risks to Viewers'. These drivers may also be installed in HD TV Studio applications utilizing high frequency camera equipment.

*Internal driver only available for sconces. Driver located in sconce arm.

ALW

PHOTOMETRICS CORE/WL

BEAM ANGLE (°)	POLAR PLOT (CD)	MTG HEIGHT (FT)	LIGHT LEVEL (FC)	BEAM DIAMETER (FT)	SPACING CRITERION (SC)[22] (0°- 180°) (90°- 270°)	MAX INTENSITY (CD)	BUG RATING
10°		6	315.8	1.8	.30 .30	11370	B2-U0-G0
		8	177.7	2.4			
		10	113.7	3.0			
		12	79.0	3.5			
		14	58.0	4.1			
		16	44.4	4.7			
20°		6	173.0	2.6	.40 .40	6228	B2-U0-G0
		8	97.3	3.4			
		10	62.3	4.3			
		12	43.3	5.1			
		14	31.8	6.0			
		16	24.3	6.8			
40°		6	87.6	4.5	.65 .65	3154	B2-U1-G0
		8	49.3	5.9			
		10	31.5	7.4			
		12	21.9	8.9			
		14	16.1	10.4			
		16	12.3	11.9			
60°		6	40.7	5.9	.80 .80	1465	B1-U1-G1
		8	22.9	7.9			
		10	14.7	9.8			
		12	10.2	11.8			
		14	7.5	13.7			
		16	5.7	15.7			
80°		6	34.4	10.2	1.31 1.31	1355	B2-U0-G0
		8	19.3	13.6			
		10	12.4	17.0			
		12	8.6	20.4			
		14	6.3	23.8			
		16	4.8	27.2			

*Photometric calculations based on 2000lm 2700K-4000K 83CRI-98CRI fixture combination. Actual results may vary in the field.
For footcandle and output multipliers refer to the ALW IES File Multipliers Chart.

[22]Spacing criterion refers to maximum distance luminaires can be spaced to provide uniform illumination on the working plane or surface. Luminaire spacing = Spacing Criterion (SC) x Mounting Height (MH) (ex. 1.14 (SC) x 10' (MH) = 11.4' Luminaire Spacing).

SS071222

L17

ADDITIONAL OPTIONS & SPECIFICATIONS

LED PERFORMANCE

> 55,000 hours at 70% lumen maintenance, LM80 / TM-21

COLOR CONSISTENCY

1x2 SDCM (MacAdam) along BBL, CCT +/- 40K to 70K, Duv +/- .001

HOUSING

Extruded aluminum with stainless steel hardware

SAFETY & REGULATORY

Can be used to comply with **Title 24 JA8 and JA10** requirements. Contact ALW customer support today and we can help you with your project requirements.

ETL Listed (U.S. & Canada). Suitable for wet locations.
Conforms to UL 1598, 2108, 8750
Certified to CSA std. CSA C22.2# 9 & #250.0

OPERATING TEMPERATURE

Luminaire should be installed and operated ONLY in environments where the ambient temperature ranges from -4°F to 104°F (-20°C to 40°C). Luminaire operation in environments outside the listed temperature range voids the warranty AND may damage the product or adversely impact lamp life, lumen output and color consistency.

CONTROLS & LED DRIVER

ALW lighting fixtures are intended for use with a wide range of sensors, lighting controls, LED drivers, and building management systems. Our component portfolio is continually expanding to adopt to the latest technologies and specification needs. If there's a component or system needed that you don't see on the spec sheet please contact ALW customer support today so we can review your requirements.

WARRANTY

LIMITED WARRANTY. Visit alwusa.com/warranty for more information.

WEIGHT

CORE/WL 3			
PENDANT	SURFACE MOUNT	SCONCE	YOKE
4.5 lbs/ 2.1 kg	4.5 lbs/ 2.1 kg	4.5 lbs/ 1.1 kg	2.75 lbs/ 1.25 kg

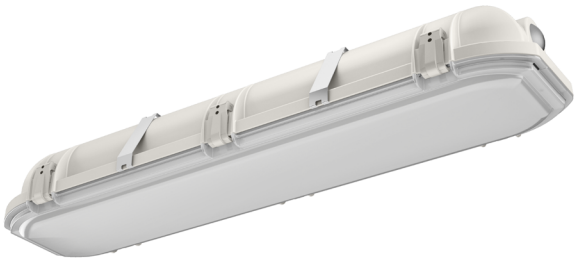
L18

LITHONIA LIGHTING®

Catalog Number	
Notes	
Type	

LED Enclosed and Gasketed

DMW2



FEATURES & SPECIFICATIONS

INTENDED USE —For areas that require good vertical illumination and excellent glare control at low mounting heights. Ideal for open areas, retail spaces and aisles. Not for use or installation in direct outdoor sunlight. Must be installed under canopy or covered ceiling. For direct sunlight installations, please refer to the FEX product family. **Certain airborne contaminants can diminish the integrity of acrylic and/or polycarbonate. Click here for Acrylic-Polycarbonate Compatibility table for suitable uses.**

Certain airborne contaminants may adversely affect the functioning of LEDs and other electronic components, depending on various factors such as concentrations of the contaminants, ventilation, and temperature at the end-user location. Click here for a list of substances that may not be suitable for interaction with LEDs and other electronic components.

CONSTRUCTION — One-piece 5VA rated fiberglass housing with integral perimeter channel utilizes continuous poured-in-place NEMA 4X gasket. Simple two-piece design consists of housing and optical assembly to streamline installation process. Polymeric latches positively attach to housing and keep from becoming a hindrance during install.

OPTICS — Injection-molded, acrylic lens (.080" thick), provides high impact-resistance comparable to 100% DR. F1 rated for outdoor use, lenses resist breaking, yellowing or becoming brittle over time. UV stabilized polycarbonate diffuser available (.080" thick) in clear or frosted for additional impact strength. Polycarbonate lens is recommend for lower mounting heights where vandal protection is desired.

ELECTRICAL — Tool-less one piece optical assembly combines LEDs and lens into one component. Optical assembly easily connects to housing with plug and play harness, eliminating time consuming wiring connections. High-efficiency drivers operate 120-480V offered with 0-10V dimming, allowing granular control when coupled with wireless networking controls. Luminaire Surge Protection Level: Designed to withstand up to 2.5kV/0.75kA per ANSI C82.77-5-2015.

L85 at 60,000 hours.

INSTALLATION — Two-piece design makes installations faster than ever by simplifying wiring connections. Power connection is easily accommodated through pre-drilled holes at each end, optional wet location fittings available for maximum flexibility.

Stainless steel (#316) surface spring-mounting brackets with bail wires standard (2 included) allow for ceiling, wall or suspended mount.

Swivel stem(provided by others) when pendant mounting. Factory installed junction box option accommodates up to 4X4 sized boxes and includes integrated gasket to maintain wet location listings.

Quick Mount Bracket (QMB) ships installed on fixture and is recommended for fastest surface mount installs, ideal for end to end installations or larger jobs.

LISTINGS — CSA Certified to UL and C-UL standards. NEMA 4X rated. IP ratings: IP65 and IP66 rated. See page 3 for ambients.

NSF listed for Splash Zone II.

DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

GOVERNMENT PROCUREMENT — BAA – Product with the BAA option qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product with the BAA option also qualifies as manufactured in the United States under DOT Buy America regulations.
BABA – Build America Buy America: Product with the BAA option also qualifies as produced in the United States under the definitions of the Build America, Buy America Act.
Please refer to www.acuitybrands.com/buy-american for additional information.

WARRANTY — 5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at:
www.acuitybrands.com/support/warranty/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application.
All values are design or typical values, measured under laboratory conditions at 25 °C.
Specifications subject to change without notice.

A+ Capable Luminaire

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and out-of-the-box control compatibility with simple commissioning.

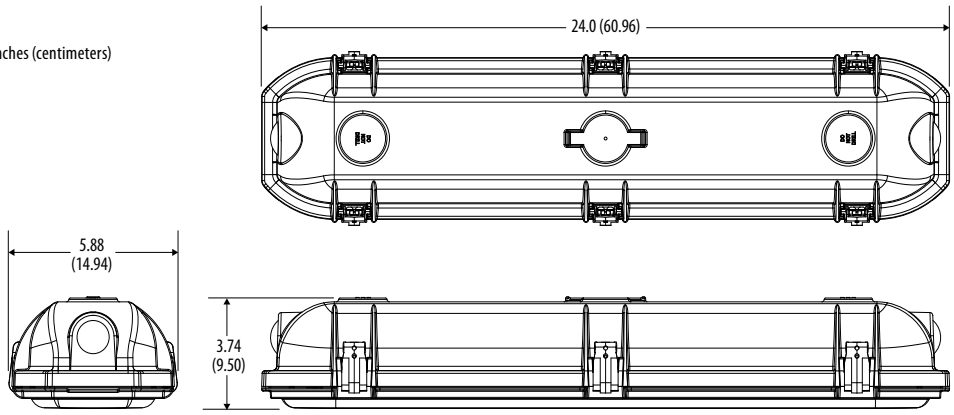
- All configurations of this luminaire meet the Acuity Brands' specification for chromatic consistency
- This luminaire is part of an A+ Certified solution for nLight® control networks marked by a shaded background*

To learn more about A+, visit www.acuitybrands.com/aplus.

*See ordering tree for details

DIMENSIONS

All dimensions are shown in inches (centimeters) unless otherwise noted.



PHOTOMETRICS

Please see www.lithonia.com.

DMW2 LED Wet Location

A+ Capable options indicated by this color background.

ORDERING INFORMATION Lead times will vary depending on options selected. Consult with your sales representative. **Example:** DMW2 L24 4000LM PCL MD MVOLT GZ10 40K 80CRI

Series[1]	Length	Nominal lumens	Diffuser	Distribution	Voltage	Driver	Color temperature	Color rendering index
DMW2 LED wet location	L24 24"	2000LM 2,000 lumens 3000LM 3,000 lumens 4000LM 4,000 lumens	ACL Acrylic AFL Frosted acrylic PCL Polycarbonate PFL Frosted Polycarbonate	MD Medium distribution WD Wide distribution	MVOLT 120-277V 120 120V 208 208V 240 240V 277 277V 347 347V[1] 480 480V[1]	GZ10 0-10V Dimming	30K 3000 K 35K 3500 K 40K 4000 K 50K 5000 K	80CRI 80 CRI 90CRI 90 CRI

Options

PS1050	Emergency LED battery pack for 0°C and up (1400 lumens), 10W, CA Title 20 noncompliant [2]	CS88	6' Brad Harrison 16/3 cord and straight blade plug set, NEMA 4X rated [8]	MSI10NWL	Low mount 360 integral motion sensor, wet location, On/Off operation[11]
E10WCP	EM Self-diagnostics battery pack, 10W, Constant Power Certified in CA Title 20 MAEDBS [2,3]	CS88L12	12' Brad Harrison 16/3 cord and straight blade plug set, NEMA 4X rated [8]	MSI102L3VWL	Low mount 360 integral motion sensor, wet location, High/Low operation (3 level)[11]
PMP4X	Pendant monopoint with NEMA4X fitting (not available with JSB option)[3,4]	CS88R	Brad Harrison receptacle, NEMA 4X rated [9]	MSI10NWL DSCNWL	low mount 360 integral motion sensor, wet location , On/Off operation for motion sensing, override Off due to daylight[11]
WLFEND	Wet location fitting (one fitting out end)[5]	NOM	Nom certified	NLTAIR2 RSBOR10	nLight AIR Generation 2 enabled 360° low mount motion sensor[12]
WLFEND2	Wet location fitting (fittings out both ends)[6]	TPS	TorxT10 tamper-resistant screws		
JSB	Junction box snap-bracket[7]	STSL	Stainless steel latches		
QMB	Quick-mount ceiling bracket[7]	SPD	10KV surge protection device[10]		
CS89	6' white cord, 16/3, no plug, wet location[8]	BAA	Buy America(n) Act and/or Build America Buy America Qualified		
CS89L12	12' white cord, 16/3, no plug, wet location[8]				

Accessories: *Order as separate catalog number.*

RK1 T10BIT W/PIN U	Hex-base driver bit, Torx TX10, for tamper-resistant screws with center reject pin
DMW2WLF	Wet location fitting
DMW2QMB	Quick-mount ceiling bracket

Notes

1. Plastic latches supplied as standard. Provided with 2X KO plugs at both ends.
2. Not available with JSB, PMP4X mounting options. Not available with CS88 cord sets or CS88R receptacle. Must specify voltage. Not available with 347, 480V. Maximum ambient temperature 25°C.
3. Not for field install.
4. Not available with PS1050 option. Not available with QMB, JSB mounting options.
5. Not available with WLFEND2. Not available with PS1050. Not available with cordsets or sensors.
6. Not available with WLFEND, PS1050, CS cord sets, or MSI sensors.
7. Not available with other mounting options
8. Not available with other cord sets. Not available with PS1050 option.
9. Receptacle only. Not available with PS1050.
10. Not available with PS1050, MSI10NWL, MSI102L3VWL, MSI10NWL DSCNWL, NLTAIR2 RSBOR10.
11. Not available with other external MSI sensors or WLFEND2. Must specify voltage.
12. Not available with other external MSI sensors or WLFEND2. Normal luminaires (non-emergency) can be used as a normal power sensing device for nearby nLight AIR devices and luminaires with EM emergency options.

INDUSTRIAL: One Lithonia Way Conyers, GA 30012 Phone: 1-800-705-SERV (7378) www.lithonia.com
© 2015-2024 Acuity Brands Lighting, Inc. All rights reserved.

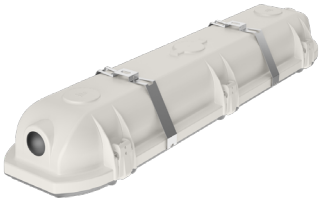
OPERATIONAL DATA (80 CRI*)					
Package	Input Wattage	CCT	AFL Lumens (LPW)	ACL Lumens (LPW)	Comparable Light Source
2000LM	18	30K	2419 (134)	2419 (134)	1-32T8 lamp
		35K	2481 (138)	2556 (142)	
		40K	2536 (141)	2612 (145)	
		50K	2661 (148)	2740 (152)	
3000LM	27	30K	3483 (129)	3587 (133)	2-32T8 lamps
		35K	3572 (132)	3680 (136)	
		40K	3651 (135)	3761 (139)	
		50K	3831 (142)	3946 (146)	
4000LM	40	30K	4631 (116)	4770 (119)	3-32T8 Lamps, 2-54T5HO lamps
		35K	4751 (119)	4893 (122)	
		40K	4855 (121)	5001 (125)	
		50K	5094 (127)	5247 (131)	

CSA LISTED AMBIENT RATING*			
Package	Bare Fixture	X-Point/Sensor	Emergency
2000LM	40°C	35°C	0 to 25°C
3000LM	40°C	35°C	0 to 25°C
4000LM	-40 to 40°C	35°C	0 to 25°C

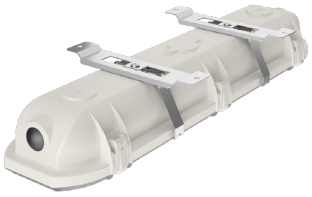
*Minimum Ambient is -20°C unless noted.
** Suspended 18" from ceiling.

OPTIONS AND ACCESSORIES

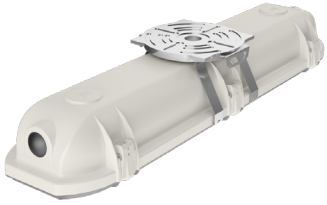
The DMW2 Series fixture offers numerous options for almost every electrical and optical component, including a long list of field-installable accessories.



SMB
Surface mounting bracket
(ships standard with fixture)



QMB
Quick mounting bracket
field installable option order as DMW2QMB



JSB
Junction mounting bracket
(factory installed only)
(Not intended for wall mounting.
Voids IP65 rating.)

PMP4X
Pendant monopoint
(factory installed only)

© 2015-2024 Acuity Brands Lighting, Inc. All rights reserved.

OPTIONS AND ACCESSORIES

The DMW2 Series fixture offers numerous options for almost every electrical and optical component, including a long list of field-installable accessories.

rSBOR/SBOR – Fixture Mount Sensor (see www.sensorswitch.com for additional information)

- 360° coverage
- On/Off dim
- Photocell optional
- IP66 rated
- Photocell and 0-10VDC dimming options.

Fixture sensor nomenclature	RSBOR/SBOR sensor nomenclature
For shortest lead times use one of the following SBOR configurations	
NLTAIR2 RSBOR10	RSBOR 10 EB4 WH G2
MSI10NWL	SBOR 10 OEX EB4 WH
MSI102L3VWL	SBOR 10 OEX D EB4 WH 3V
MSI10NWL DSCNWL	SBOR 10 OEX P EB4 WH

© 2015-2024 Acuity Brands Lighting, Inc. All rights reserved.

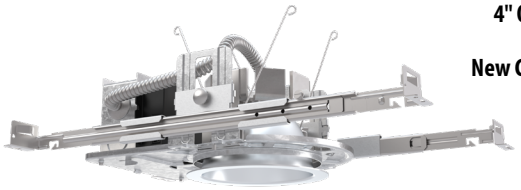
L19

LITHONIA LIGHTING®

Catalog Number	
Notes	
Type	

LDN4 STATIC WHITE

4" Open and Wallwash LED
Non-IC
New Construction Downlight



Open Trim

Wallwash Trim

FEATURES & SPECIFICATIONS

INTENDED USE — Typical applications include corridors, lobbies, conference rooms and private offices.

CONSTRUCTION — Galvanized steel mounting/plaster frame; galvanized steel junction box with bottom-hinged access covers and spring latches. Reflectors are retained by torsion springs.

Vertically adjustable mounting brackets with commercial bar hangers provide 3-3/4" total adjustment.

Two combination 1/2"-3/4" and four 1/2" knockouts for straight-through conduit runs. Capacity: 8 (4 in, 4 out). No. 12 AWG conductors, rated for 90°C.

Accommodates 12"-24" joist spacing.

Passive cooling thermal management for 25°C standard; high ambient (40°C) option available. Light engine and drivers are accessible from above or below ceiling.

Max ceiling thickness 1-1/2".

OPTICS — LEDs are binned to a 3-step MacAdam Ellipse; 80 CRI minimum. 90 CRI optional.

LED light source concealed with diffusing optical lens.

General illumination lighting with 1.0 S/MH and 55° cutoff to source and source image.

Self-flanged anodized reflectors in specular, semi-specular, or matte diffuse finishes. Also available in white and black painted reflectors.

A+ CAPABLE LUMINAIRE — This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and out-of-the-box control compatibility with simple commissioning when used with Acuity Brands controls products. All configurations of this luminaire are calibrated and tested to meet the Acuity Brands' specifications for chromatic consistency – including color rendering, color fidelity and color temperature tolerance around standard CIE chromaticity coordinates. To learn more about A+ standards, specifications, and testing visit www.acuitybrands.com/aplus.

UGR — UGR is zero for fixtures aimed at nadir with a cut-off equeal to or less than 60deg per CIE 117-1996 Discomfort Galre in Interior Lighting. UGR FAQs

ELECTRICAL — Multi-volt (120-277V, 50/60Hz) 0-10V dimming drivers mounted to junction box, 10% or 1% minimum dimming level available.

0-10V dimming fixture requires two (2) additional low-voltage wires to be pulled.

LUMEN MAINTENANCE — 70% lumen maintenance at 60,000 hours.

LISTINGS — Certified to US and Canadian safety standards. Wet location standard (covered ceiling). IP55 rated. ENERGY STAR® certified product. Drivers are ROHS compliant

GOVERNMENT PROCUREMENT — BAA – Product with the BAA option qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product with the BAA option also qualifies as manufactured in the United States under DOT Buy America regulations.
BABA – Build America Buy America: Product with the BAA option also qualifies as produced in the United States under the definitions of the Build America, Buy America Act.
Please refer to www.acuitybrands.com/buy-american for additional information.

WARRANTY — 5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

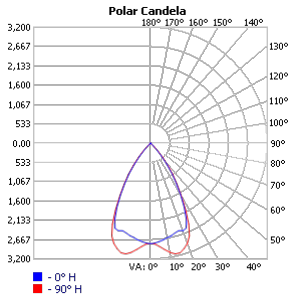
Note: Actual performance may differ as a result of end-user environment and application.
All values are design or typical values, measured under laboratory conditions at 25 °C.
Specifications subject to change without notice.

PERFORMANCE DATA

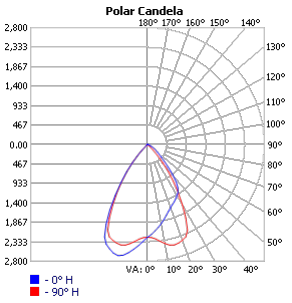
LDN4			
Nominal	**Lumens**	**Wattage**	**Lm/W**
500	523.6	5.74	91.2
750	751.1	8.6	87.3
1000	1045	10.58	98.8
1500	1512	17.5	86.4
2000	2006	22.12	90.7
2500	2551	26.1	97.7
3000	3007	32.1	93.7
4000	4212	43	98.0

Notes
Tested in accordance with IESNA LM-79-08
Tested to current IES and NEMA standards under stabilized laboratory conditions
Based on LDN4 AR LSS 35K 80CRI

DISTRIBUTIONS



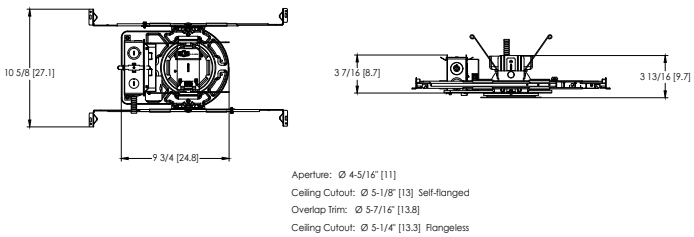
Open



Wallwash

DIMENSIONS

LDN4 500-2000 Lumens



See page 4 for other fixture dimensions

Design Select options indicated by this color background.

ORDERING INFORMATION Lead times will vary depending on options selected. Consult with your sales representative.

Example: LDN4 35/15 LO4 AR LSS MVOLT EZ1

LDN4

Series	Color temperature	Lumens ‡		Trim Style	Trim Color	Trim Finish	Flange Color ‡
LDN4 4" round	27/ 2700K	05 500 lumens	20 2000 lumens	LO4 Downlight	AR Clear	LSS Semi-specular	TRW White painted flange
	30/ 3000K	07 750 lumens	25 2500 lumens	LW4 Wallwash	WR ‡ White	LD Matte diffuse	TRBL Black painted flange
	35/ 3500K	10 1000 lumens	30 3000 lumens		BR ‡ Black	LS Specular	FRALTBD RAL painted flange only
	40/ 4000K	15 1500 lumens	40 4000 lumens		TRALTBD ‡ RAL painted trim		FCPC Custom painted flange only
	50/ 5000K				TCPC ‡ Custom painted trim		

Voltage	Driver	Emergency ‡	Control Input ‡
MVOLT Multi-volt	GZ10 0-10V driver dims to 10%	(blank) No emergency option	(blank) No control option
120 120V	GZ1 0-10V driver dims to 1%	EL Emergency battery pack with integral test switch. 10W Constant Power, Not Certified in CA Title 20 MAEDBS	NPP16D nLight® network power/relay pack with 0-10V dimming for non-eldoLED drivers (GZ10, GZ1).
277 277V	D10 Minimum dimming 10% driver for use with JOT	ELR Emergency battery pack with remote test switch. 10W Constant Power, Not Certified in CA Title 20 MAEDBS	NPP16DER nLight® network power/relay pack with 0-10V dimming for non-eldoLED drivers (GZ10, GZ1). ER controls fixtures on emergency circuit.
347 ‡ 347V	D1 Minimum dimming 1% driver for use with JOT	ELSD Emergency battery pack with self-diagnostics, 10W Constant Power, integral test switch. Not Certified in CA Title 20 MAEDBS	N80 nLight™ Lumen Compensation
	EZ1 0-10V eldoLED driver with smooth and flicker-free deep dimming performance down to 1%	ELRSD Emergency battery pack with self-diagnostics, 10W Constant Power, remote test switch. Not Certified in CA Title 20 MAEDBS	JOT Wireless room control with "Just One Touch" pairing
	EDAB eldoLED DALI SOLDRIVE dim to dark	E10WCP Emergency battery pack, 10W Constant Power with integral test switch. Certified in CA Title 20 MAEDBS	NPS80EZ nLight® dimming pack controls 0-10V eldoLED drivers (EZ10, EZ1).
		E10WCPR Emergency battery pack, 10W Constant Power with remote test switch. Certified in CA Title 20 MAEDBS	NPS80EZER nLight® dimming pack controls 0-10V eldoLED drivers (EZ10, EZ1). ER controls fixtures on emergency circuit.
		E10WRSTAR Emergency battery pack, 10W with remote test switch and Iota STAR technology	NLTAIR2 nLight® Air enabled
			NLTAIRER2 nLight® AIR Dimming Pack Wireless Controls. Controls fixtures on emergency circuit, not available with battery pack options
			NLTAIREM2 nLight® AIR Dimming Pack Wireless Controls. UL924 Emergency Operation, via power interrupt detection. Available with battery pack options.

Options

HAO ‡	High ambient option (40°C)
CP ‡	Chicago Plenum
RRL___	RELOC®-ready luminaire connectors enable a simple and consistent factory installed option across all ABL luminaire brands. Refer to RRL for complete nomenclature. Available only in RRLA, RRLB, RRLAE, and RRLC12S.
BAA	Buy America(n) Act and/or Build America Buy America Qualified
90CRI	High CRI (90+)
SF ‡	Single fuse

design select

Items marked by a shaded background qualify for the Design Select program and ship in 15 days or less. To learn more about Design Select, visit www.acuitybrands.com/designselect.
*See ordering tree for details

(Maximum order quantity for design select lead times is 160.)

‡ Option Value Ordering Restrictions

Option value	Restriction
Lumen Packages	Overall height varies based on lumen package, refer to dimensional charts on page 4
WR, BR	Not available with finish (LSS, LD, LS)
TRALTBD, FRALTBD	RALTBD for pricing only. Replace with applicable RAL number and finish when ready to order. See the RAL BROCHURE for available color options.
TRW, TRBL	Available with clear (AR) trim color only
TCPC, FCPC	CPC options for pricing only. Custom color chip needs to be sent in to your Customer Resolution specialist before order can be processed. Click HERE for more details
347	Not available with emergency options
All Emergency	12.5" of plenum depth or top access required for battery pack maintenance.
NPP16D, NPP16DER	Not available with MVOLT. ER for use with generator supply EM power. Will require an emergency hot feed and normal hot feed.
SF	Must specify 120 or 277 volt
N80	Fixture begins at 80% light level. Must be specified with NPS80EZ or NPS80EZ ER. Only available with EZ10 and EZ1 drivers.
NPP16D, NPP16DER, NPPS80EZ, NPS80EZER	Specify voltage. ER for use with generator supply EM power. Will require an emergency hot feed and normal hot feed.
NLTAIR2, NLTAIRER2, NLATAIREM2	Not available with CP, NPS80EZ, NPS80EZER, NPP16D, NPP16DER or N80 options. Not recommended for metal ceiling installations.
NLTAIR2	When combined with EZ1 or EZ10 drivers, can be used as a normal power
JOT	Must specify D10 or D1 driver. Not available with nLight options. Not available with CP. Not recommended for metal ceiling installation. Not for use with emergency backup power systems other than battery packs.
HAO	Fixture height is 5-11/16" for all lumen packages with HAO.
CP	Must specify voltage for 3000lm. Not available with emergency battery pack option.
E10WRSTAR	Not available with wet location, EC1, EC6, QDS, CP, 347V, NPS80EZ ER, NLTAIRER2, NLTAIREM2, ALO3 & ALO4 w/DALI, OR 2000-4500 lumens w/JOT. Top access installation or 17.5" plenum clearance required for roomside installation. Not available with integral test switch.

© 2015-2024 Acuity Brands Lighting, Inc. All rights reserved. Rev. 05/24/24

Accessories: *Order as separate catalog number.*	
PS1055CP	FMC Power Sentry batterypack, T20 compliant, field installable, 10w constant power
EAC ISSM 375	Compact interruptible emergency AC power system
EAC ISSM 125	Compact interruptible emergency AC power system
GRA46 JZ	Oversized trim ring with 6" outside diameter
SCA4	Sloped Ceiling Adapter. Degree of slope must be specified (5D, 10D, 15D, 20D, 25D, 30D). Ex: SCA4 10D.

Emergency Battery Pack Options - Field Installable

Battery Model Number	Wattage	Runtime (Minutes)	Lumen Output* @ 120 Lumens/Watt	Other
ILB CP07 2H A	7W	120	840	Storm Shelter/ 2-hour Runtime
ILB CP10 A	10W	90	1200	
ILBLP CP10 HE SD A+	10W	90	1200	Title 20, Self Diagnostic
ILBLP CP15 HE SD A+	15W	90	1800	Title 20, Self Diagnostic
ILB CP20 HE A	20W	90	2400	Title 20
ILB CP20 HE SD A	20W	90	2400	Title 20, Self Diagnostic
ILBHI CP10 HE SD A+	10W	90	1200	347-480V AC Input, Title 20, Self Diagnostic
ILBHI CP15 HE SD A+	15W	90	1800	347-480V AC Input, Title 20, Self Diagnostic

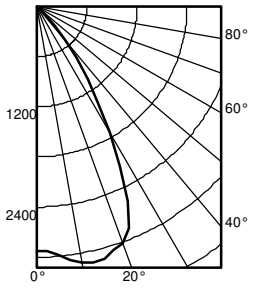
All the above are UL 924 Listed products that are certified for field install external/remote to the fixture.
*Minimum delivered lumen output to assist in product selection for increased fixture mounting height.
The CP10 delivered emergency illuminations outperforms legacy 1400 lumen fluorescent emergency ballasts.
Please contact us at techsupport@iotaengineering.com for any Emergency Battery related questions.

© 2015-2024 Acuity Brands Lighting, Inc. All rights reserved. Rev. 05/24/24

PHOTOMETRY

Distribution Curve | **Distribution Data** | **Output Data** | **Illuminance Data at 30" Above Floor for a Single Luminaire**

LDN4 35/30 LO4AR, input watts: 32.1, delivered lumens: 3122.6, LM/W = 88.52, spacing criterion at 0= 1.04, test no. ISF 30712P249.



	Ave	Lumens
0	2927	
5	2989	290
15	3120	875
25	2575	1136
35	1062	667
45	149	148
55	3	5
65	2	1
75	0	0
85	0	0
90	0	

Zone	Lumens	% Lamp
0° - 30°	2301.2	73.7
0° - 40°	2968.2	95.1
0° - 60°	3121.1	100.0
0° - 90°	3122.6	100.0
90° - 120°	0.0	0.0
90° - 130°	0.0	0.0
90° - 150°	0.0	0.0
90° - 180°	0.0	0.0
0° - 180°	3122.6	*100.0

*Efficiency

Mounting Height	Inital FC Center Beam	50% beam - 55.6° Diameter	50% beam - 55.6° FC	10% beam - 78.0° Diameter	10% beam - 78.0° FC
8.0	96.8	5.8	48.4	8.9	9.7
10.0	52.0	7.9	26.0	12.2	5.2
12.0	32.4	10.0	16.2	15.4	3.2
14.0	22.1	12.1	11.1	18.6	2.2
16.0	16.1	14.2	8.0	21.9	1.6

LUMEN OUTPUT MULTIPLIERS - CCT					
	2700K	**3000K**	**3500K**	**4000K**	**5000K**
80CRI	0.950	0.966	1.000	1.025	1.101

LUMEN OUTPUT MULTIPLIERS - FINISH			
	Clear (AR)	**White (WR)**	**Black (BR)**
Specular (LS)	1.0	N/A	N/A
Semi-specular (LSS)	0.950	N/A	N/A
Matte diffuse (LD)	0.85	N/A	N/A
Painted	N/A	0.87	0.73

HOW TO ESTIMATE DELIVERED LUMENS IN EMERGENCY MODE

Use the formula below to estimate the delivered lumens in emergency mode

Delivered Lumens = 1.25 x P x LPW

P = Ouput power of emergency driver. P = 10W for PS1055CP

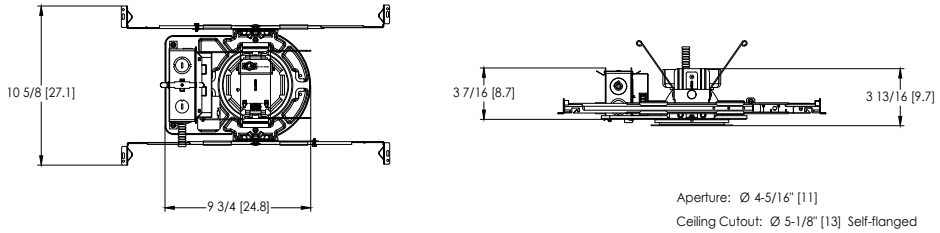
LPW = Lumen per watt rating of the luminaire. This information is available on the ABL luminaire spec sheet.
The LPW rating is also available at Designlight Consortium.

Notes
- Tested in accordance with IESNA LM-79-08.
- Tested to current IES and NEMA standards under stabilized laboratory conditions.
- CRI: 80 typical.

© 2015-2024 Acuity Brands Lighting, Inc. All rights reserved. Rev. 05/24/24

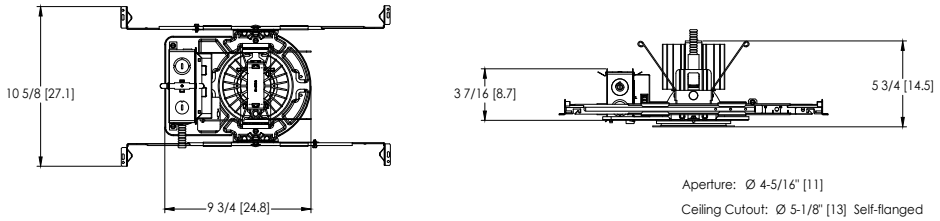
* All dimensions are inches (centimeters) unless otherwise noted.

LDN4 500-2000 Lumens



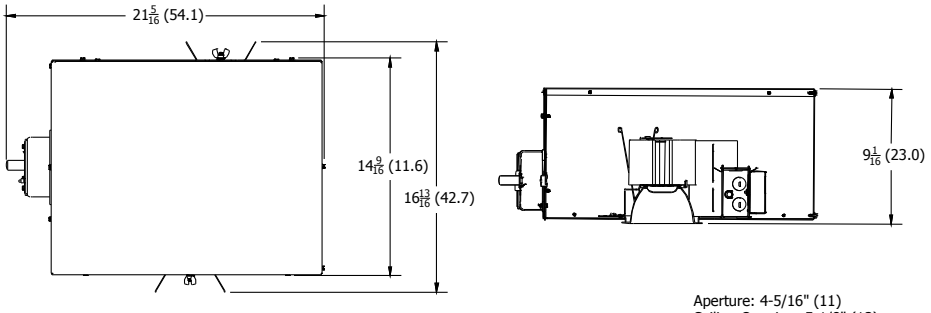
Aperture: Ø 4-5/16" [11]
Ceiling Cutout: Ø 5-1/8" [13] Self-flanged
Overlap Trim: Ø 5-7/16" [13.8]
Ceiling Cutout: Ø 5-1/4" [13.3] Flangeless

LDN4 2000-4000 Lumens



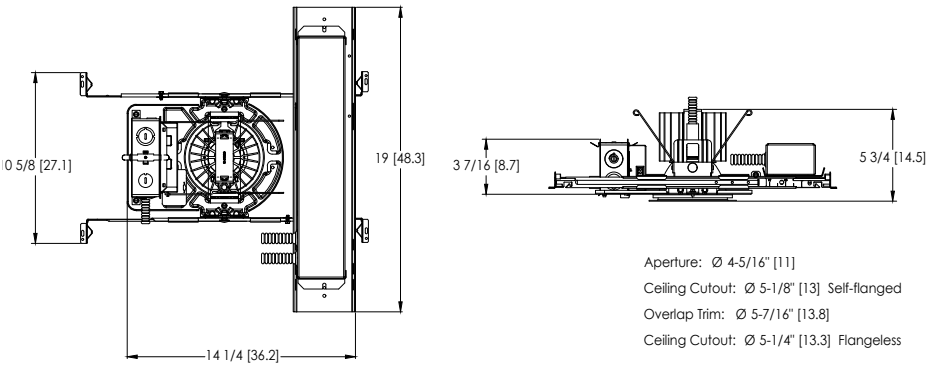
Aperture: Ø 4-5/16" [11]
Ceiling Cutout: Ø 5-1/8" [13] Self-flanged
Overlap Trim: Ø 5-7/16" [13.8]
Ceiling Cutout: Ø 5-1/4" [13.3] Flangeless

LDN4 CP



Aperture: 4-5/16" (11)
Ceiling Opening: 5-1/8" (13)
Overlap Trim: 5-7/16" (13.8)

LDN4 EL



Aperture: Ø 4-5/16" [11]
Ceiling Cutout: Ø 5-1/8" [13] Self-flanged
Overlap Trim: Ø 5-7/16" [13.8]
Ceiling Cutout: Ø 5-1/4" [13.3] Flangeless

DOWNLIGHTING: One Lithonia Way Conyers, GA 30012 Phone: 800-705-SERV (7378) www.lithonia.com
© 2015-2024 Acuity Brands Lighting, Inc. All rights reserved. Rev. 05/24/24

ADDITIONAL DATA

JOT
JUST ONE TOUCH

The Sensor Switch JOT enabled solution offers a wireless, app-free approach to single room lighting control. JOT enabled products use Bluetooth® Low Energy (BLE) technology to enable wireless dimming and switching.

Diagram

LDN4 Series

Sensor Switch
WSXA JOT

1. **Power:** Install JOT enabled fixtures and controls as instructed.
2. **Pair:** Insert the pairing tool into the pinhole on the wall switch; press and hold any button for 6 seconds.
3. **Play:** Once paired, each fixture will individually dim down to 10% brightness. All products will be fully functional.

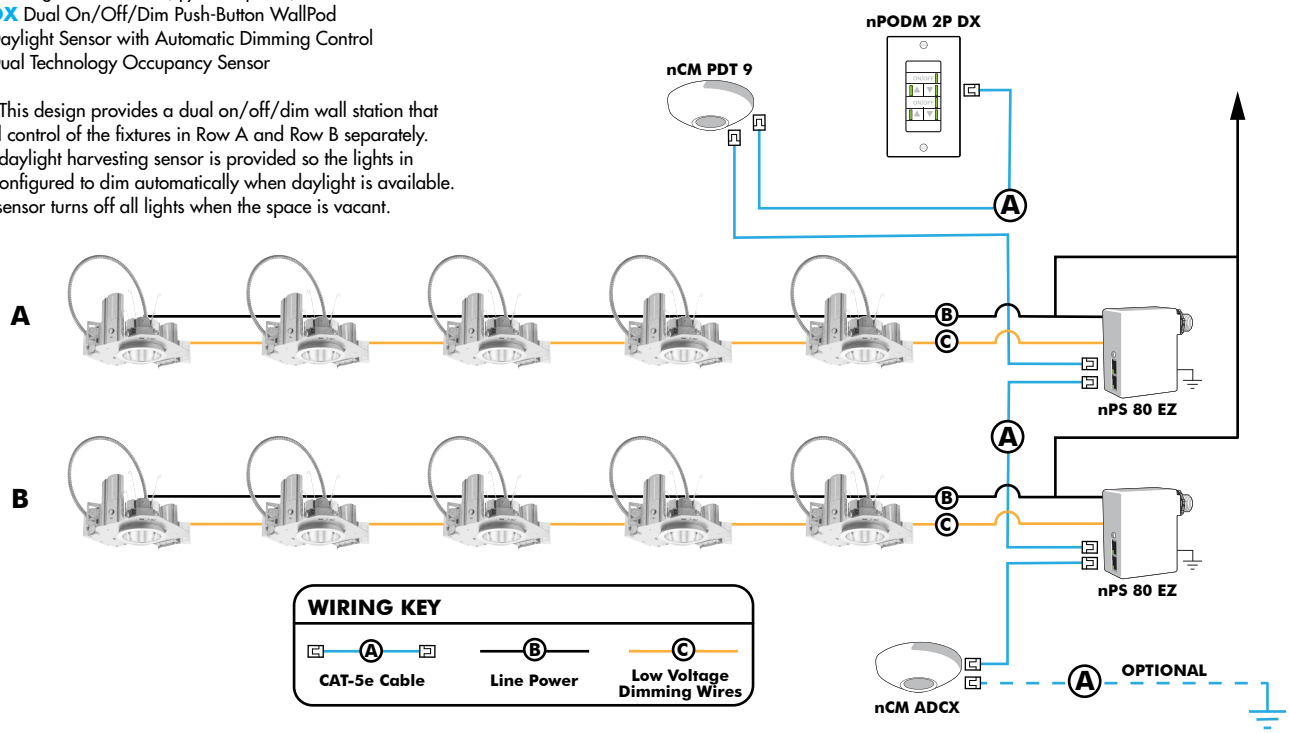
COMPATIBLE 0-10V WALL-MOUNT DIMMERS		
MANUFACTURER	PART NO.	POWER BOOSTER AVAILABLE
Lutron®	Diva® DVTV	
	Diva® DVSCTV	
	Nova T® NTFTV	
	Nova® NFTV	
Leviton®	AWSMT-7DW	CN100
	AWSMG-7DW	PE300
	AMRMG-7DW	
	Leviton Centura Fluorescent Control System	
	IllumaTech® IP7 Series	
Synergy®	ISD BC	RDMFC
	SLD LPCS	
	Digital Equinox (DEQ BC)	
Douglas Lighting Controls	WPC-5721	
Entertainment Technology	Tap Glide TG600FAM120 (120V)	
	Tap Glide Heatsink TGH1500FAM120 (120V)	
	Oasis 0A2000FAMU	
Honeywell	EL7315A1019	EL7305A1010 (optional)
	EL7315A1009	
HUNT Dimming	Preset slide: PS-010-IV and PS-010-WH	
	Preset slide: PS-010-3W-IV and PS-010-3W-WH	
	Preset slide, controls FD-010: PS-IFC-010-IV and PS-IFC-010-WH-120/277V	
	Preset slide, controls FD-010: PS-IFC-010-3W-IV and PS-IFC-010-3W-WH-120/277V	
	Remote mounted unit: FD-010	
Lehigh Electronic Products	Solitaire	PBX
PDM Electrical Products	WPC-5721	
Starfield Controls	TR61 with DALI interface port	RT03 DALInet Router
WattStopper®	LS-4 used with LCD-101 and LCD-103	

© 2015-2024 Acuity Brands Lighting, Inc. All rights reserved. Rev. 05/24/24

EXAMPLE
Group Fixture Control*
*Appiication diagram applies for fixtures with eldoLED drivers only.

nPS 80 EZ Dimming/Control Pack (qty: 2 required)
nPODM 2P DX Dual On/Off/Dim Push-Button WallPod
nCM ADCX Daylight Sensor with Automatic Dimming Control
nCM PDT 9 Dual Technology Occupancy Sensor

Description: This design provides a dual on/off/dim wall station that enables manual control of the fixtures in Row A and Row B separately. Additionally, a daylight harvesting sensor is provided so the lights in Row B can be configured to dim automatically when daylight is available. An occupancy sensor turns off all lights when the space is vacant.



Choose Wall Controls

nLight offers multiple styles of wall controls - each with varying features and user experience.

Push-Button Wallpod
Traditional tactile buttons and LED user feedback

Graphic Wallpod
Full color touch screen provides a sophisticated look and feel

nLight® Wired Controls Accessories:			
Order as separate catalog number. Visit www.acuitybrands.com/products/controls/nlight for complete listing of nLight controls.			
WallPod Stations	**Model number**	**Occupancy sensors**	**Model Number**
On/Off	nPODM (Color)	Small motion 360°, ceiling (PIR/dual Tech)	nCM 9 / nCM PDT 9
On/Off & Raise/Lower	nPOD DX (Color)	Large motion 360°, ceiling (PIR/dual tech)	nCM 10 / nCM PDT 10
Graphic Touchscreen	nPOD GFX (Color)	Wide View (PIR/dual tech)	nWV 16 / nWV PDT 16
Photocell controls	**Model Number**	Wall Switch w/ Raise/Lower (PIR/dual tech)	nWSX LV DX / nWSX PDT LV DX
Dimming	nCM ADCX	**Cat-5 cables (plenum rated)**	**Model Number**
		10', CAT5 10FT	CAT5 10FT J1
		15, CAT5 15FT	CAT5 15FT J1

DOWNLIGHTING: One Lithonia Way Conyers, GA 30012 Phone: 800-705-SERV (7378) www.lithonia.com
© 2015-2024 Acuity Brands Lighting, Inc. All rights reserved. Rev. 05/24/24

nLight® AIR Control Accessories:
Order as separate catalog number. Visit www.acuitybrands.com/products/controls/nlightair.

Wall switches	Model number
On/Off single pole	rPODB [color]
On/Off two pole	rPODB 2P [color]
On/Off & raise/lower single pole	rPODB DX [color]
On/Off & raise/lower two pole	rPODB 2P DX [color]
On/Off & raise/lower single pole	rPODBZ DX WH[1]

Notes
1 Can only be ordered with the RES7Z zone control sensor version.

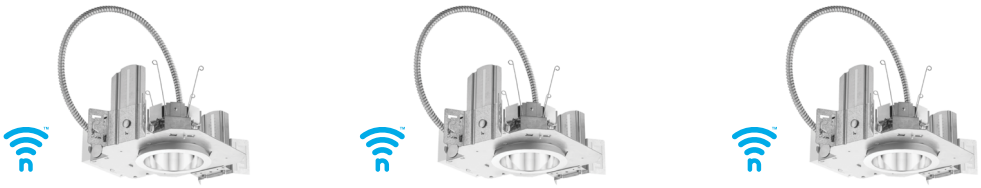
UL924 Sequence of Operation

The below information applies to all nLight AIR devices with an EM option.

- EM devices will remain at their high-end trim and ignore wireless lighting control commands, unless a normal-power-sensed (NPS) broadcast is received at least every 8 seconds.
- Using the CL**AIR**ITY+ mobile app, EM devices must be associated with a group that includes a normal power sensing device to receive NPS broadcasts.
- Only non-emergency rPP20, rLSXR, rSBOR, rSDGR, and nLight AIR luminaires with version 3.4 or later firmware can provide normal power sensing for EM devices. See specification sheets for control devices and luminaires for more information on options that support normal power sensing.

nLight AIR

nLight AIR is the ideal solution for retrofit or new construction spaces where adding communication is cost prohibitive. The integrated nLight AIR rPP20 Power Pack is part of each Lithonia LDN Luminaire. These individually addressable controls offer the ultimate in flexibility during initial setup and for space repurposing.



Simple as 1,2,3

1. Install the nLight® AIR fixtures with embedded smart sensor
2. Install the wireless battery-powered wall switch
3. With CL**AIR**ITY app, pair the fixtures with the wall switch and if desired, customize the sensor settings for the desired outcome

nLight AIR rPODB 2P DX Mobile Device

© 2015-2024 Acuity Brands Lighting, Inc. All rights reserved. Rev. 05/24/24

EXIT

Project

Type

Catalog Number

SPECIFICATIONS EXITS

HOUSING
- Injection-molded high-impact resistant polycarbonate
- Available in white, black, and gray housings
- EZ snap out chevron directional indicators
- Silicone gasketed

ELECTRICAL
- Dual 120/277V
- Charge rate/power “On” LED light and push-to-test switch for testing
- Standard Operating Temperature: -20ºC - 50ºC (-4ºF - 122ºF)

ILLUMINATION
- Ultra bright, energy efficient red or green LEDs

BATTERY
- 4.8V Maintenance-free, rechargeable NiCad battery
- Internal transfer switch automatically connects battery to LED board for 90-minute emergency illumination
- LVD (Low Voltage Disconnect) prevents battery from deep discharge
- Two-rate charger initiates battery charge to recharge in battery in 24 hours
- Bi-color LED indicator light alerts occupant on battery condition (Green-normal, Red-check battery)

MOUNTING
- Mounting canopy included for top or end mount
- Universal knockout pattern on back plate for wall mount

CODE COMPLIANCE
- UL Listed for Wet Locations
- Meets UL924, NFPA101, NEC, OSHA, Local and State Codes
- CEC Title20 Certified

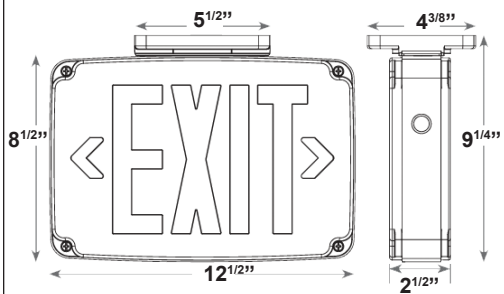
WARRANTY
- 5 Year

SPWLEX
Wet Location Thermoplastic Exit

ORDERING INFORMATION

MODEL#	Face #	Letters	Housing
SPWLEX	**1**	**R** (Red)	**W** (White, white faceplate)
	2	**G** (Green)	**B** (Black, black faceplate)
			G (Gray, white faceplate)

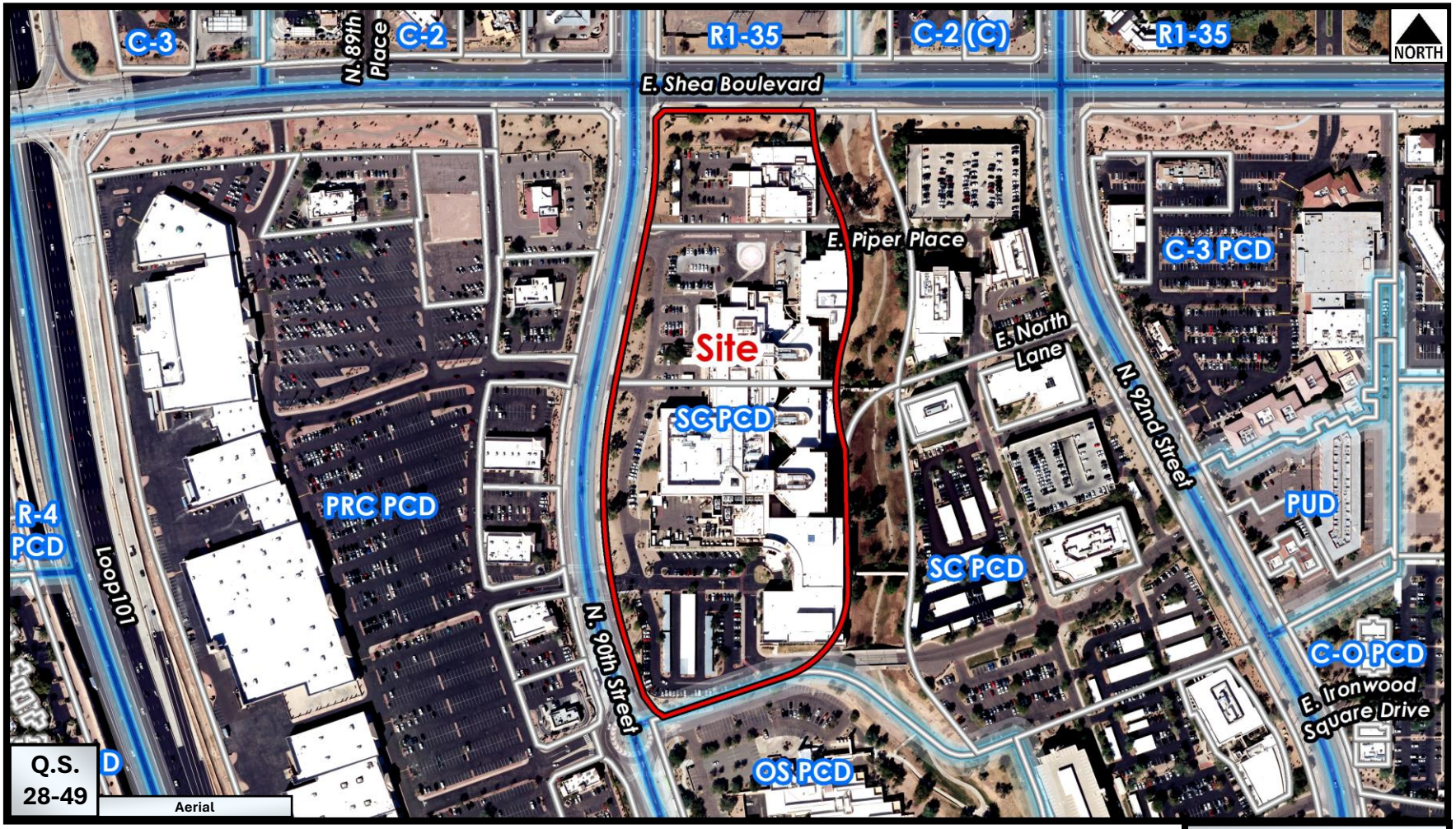
Options (Factory Installed)		
EM	-	NiCad Battery
SD	-	Self Diagnostics
2AC120V	-	Dual Circuit with 120V Input
2AC277V	-	Dual Circuit with 277V Input
TPS	-	Tamper Proof Screws
SWXE	-	Special Wording (prefix to part number)



EXIT

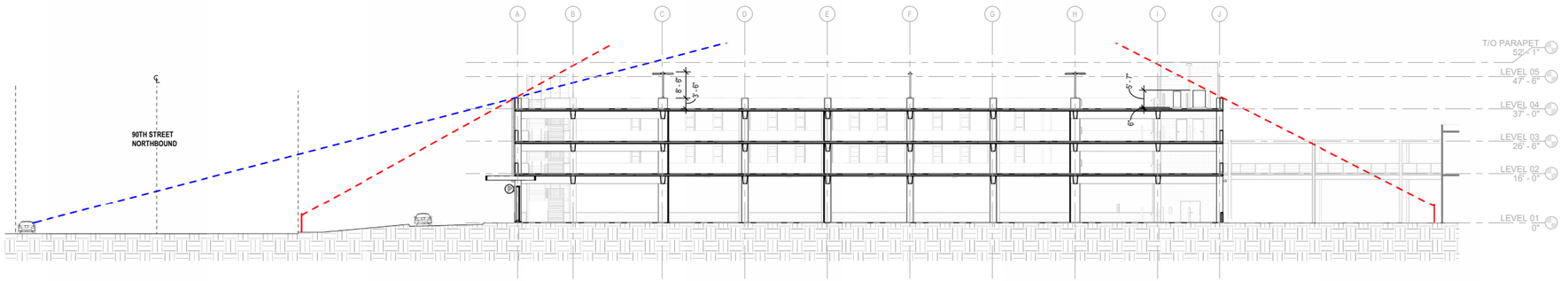
ELECTRICAL INFORMATION

Catalog #	Input Watts (W)		Input Amps (A)	
	120V	277V	120V	277V
SPWLEX	2.7	2.7	0.025	0.011
SPWLEX-EM	3.3	3.4	0.030	0.014
SPWLEX-2AC	2.4	2.4	0.023	0.011



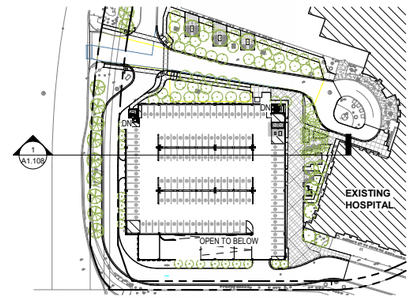
Zoning Aerial

26-DR-2024



1 A1.108 VISIBILITY DIAGRAM - OVERALL SECTION
1/16" = 1'-0"

26-DR-2024
11/13/2024



ATTACHMENT 18

Copyright © Lamar Johnson Collaborative

1/9/2024 4:29:15 AM

CLAYCO
THE ART & SCIENCE OF BUILDING
4300 EAST CAMELBACK STE 300
PHOENIX, AZ 85018
Ph 602.833.6050

Lamar Johnson Collaborative
4300 EAST CAMELBACK STE 300
PHOENIX, AZ 85018
Ph 602.833.6050

PROGRESS PRINT

HONORHEALTH SHEA

HonorHealth
9003 E. Shea Blvd. Scottsdale, AZ 85260
Development Review Resubmittal

DRAWING ISSUE

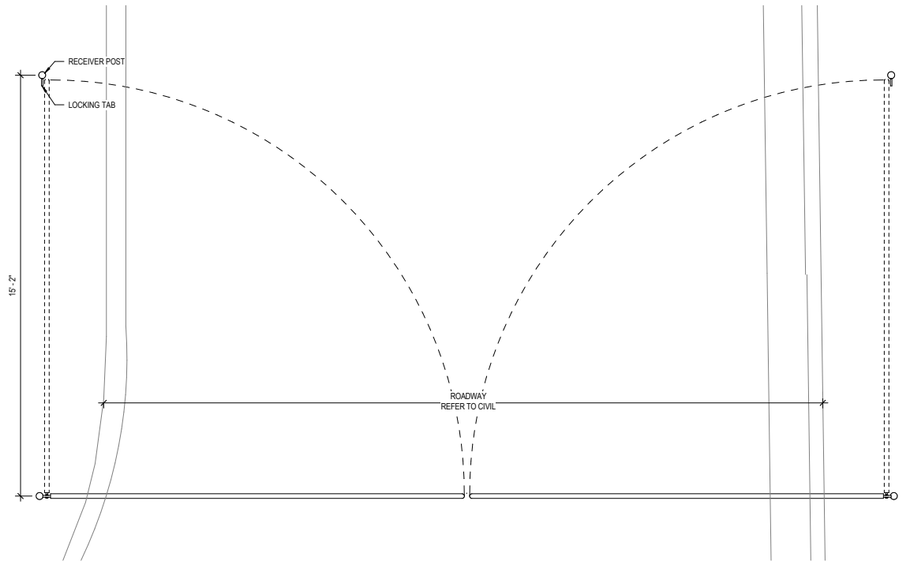
#	DESCRIPTION	DATE

BUILDING MAP

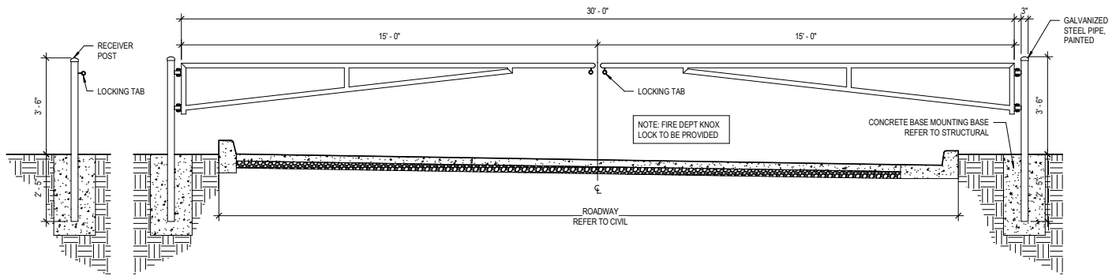
DRAWING TITLE
VISIBILITY DIAGRAM

DRAWING NO.
A1.108

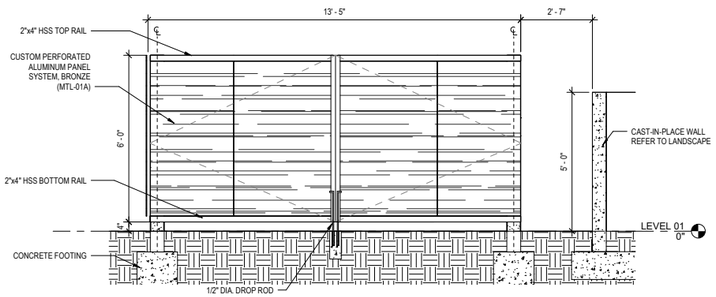
Job # 008229



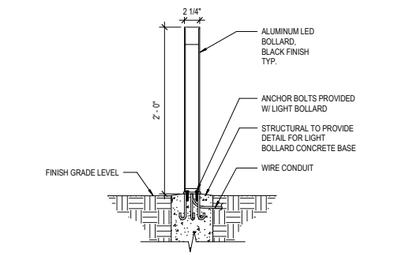
E3 A1.110 DOUBLE-SWING BARRIER GATE ARM & RECEIVER POST
1/2" = 1'-0"



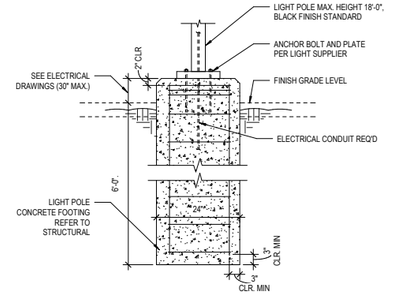
E2 A1.110 DOUBLE-SWING BARRIER GATE ARM & RECEIVER POST
1/2" = 1'-0"



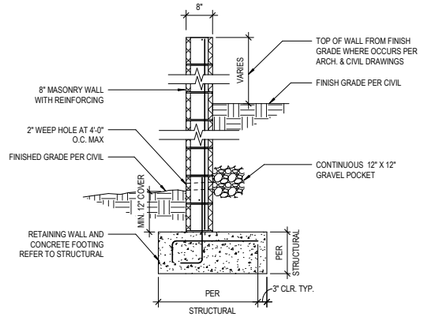
E1 A1.110 ALTERNATE TRANSFORMER SCREEN ELEVATION
1/2" = 1'-0"



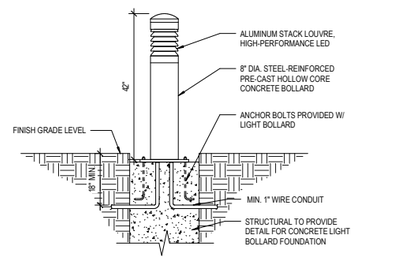
C3 A1.110 EXTERIOR LIGHT BOLLARD - L12
1 1/2" = 1'-0"



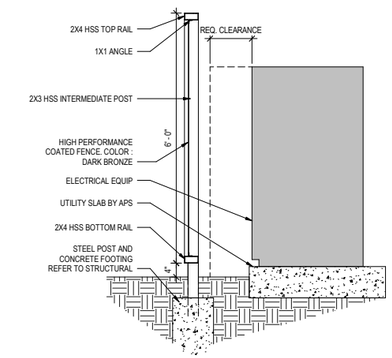
A3 A1.110 TYPICAL LIGHT POLE - STANDARD - SL1
3/4" = 1'-0"



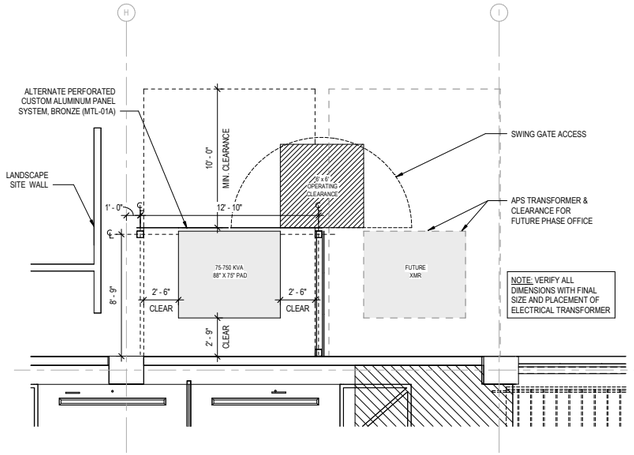
C2 A1.110 RETAINING WALL - STANDARD CMU
3/4" = 1'-0"



A2 A1.110 EXTERIOR CONCRETE BOLLARD - L7
3/4" = 1'-0"



C1 A1.110 ELEC SCREEN SECTION
3/4" = 1'-0"



A1 A1.110 ENLARGED PLAN - APS TRANSFORMER
1/4" = 1'-0"

26-DR-2024
11/13/2024

ATTACHMENT 19

CLAYCO
THE ART & SCIENCE OF BUILDING
4300 EAST CAMELBACK STE 300
PHOENIX, AZ 85018
Ph 602.833.6050

Lamar Johnson Collaborative
4300 EAST CAMELBACK, STE 300
PHOENIX, AZ 85018
Ph 602.833.6050

HONORHEALTH SHEA

HonorHealth
9003 E. Shea Blvd. Scottsdale, AZ 85260
Development Review Resubmittal

DRAWING ISSUE

#	DESCRIPTION	DATE
	SCHEMATIC DESIGN	06/21/24
	DESIGN DEVELOPMENT	08/23/24
	95% CONSTRUCTION DOCUMENTS	10/16/24

BUILDING MAP

DRAWING TITLE:
SITE DETAILS - ELEVATIONS, GATES, GUARDHOUSES, ETC

DRAWING NO.
A1.110

Job # 008229

11/8/2024 2:40:34 PM

Copyright © Lamar Johnson Collaborative

SL1,SL2 - LED POLE MOUNTED LIGHT

L7 - EXTERIOR CONCRETE BOLLARD

L12 - EXTERIOR LIGHT BOLLARD

Copyright © Lamar Johnson Collaborative

CLAYCO
THE ART & SCIENCE OF BUILDING
4300 EAST CAMELBACK STE 300
PHOENIX, AZ 85018
Ph 602.833.6050

Lamar Johnson Collaborative
4300 EAST CAMELBACK STE 300
PHOENIX, AZ 85018
Ph 602.833.6050

HONORHEALTH SHEA

HonorHealth
9003 E. Shea Blvd. Scottsdale, AZ 85260
Development Review Resubmittal

DRAWING ISSUE

#	DESCRIPTION	DATE
	SCHEMATIC DESIGN	06/21/24
	DESIGN DEVELOPMENT	08/23/24
	95% CONSTRUCTION DOCUMENTS	10/16/24

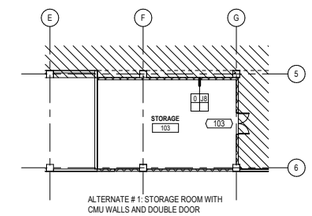
BUILDING MAP

DRAWING TITLE
SITE AMENITIES

DRAWING NO.
A1.111

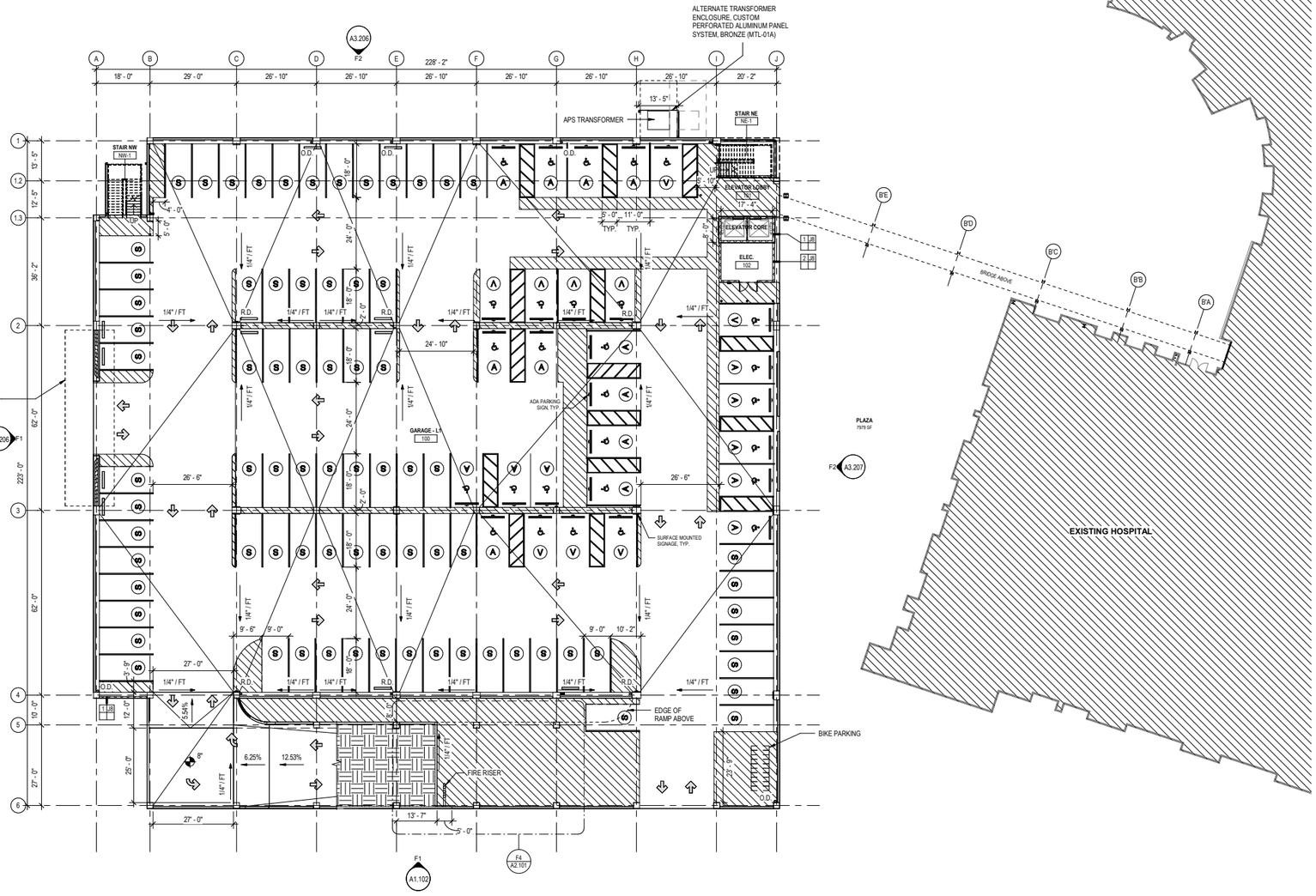
Job # 008229

11/4/2024 3:34:09 PM



ALTERNATE # 1: STORAGE ROOM WITH CMU WALLS AND DOUBLE DOOR

F4 A2.101 ALTERNATE STORAGE ROOM PLAN
1/16" = 1'-0"



F1 A2.101 LEVEL 01
1/16" = 1'-0"

ATTACHMENT 20

PLAN NOTES

GENERAL NOTES

1. PAINT ALL SIDES OF CONCRETE COLUMNS, SPANDREL PANELS AT BUILDING PERIMETER.
2. PAINT ALL CMU AT ELEVATOR CORE & UNDER RAMP
3. CRASH WALL CMU TO BE GROUND FACE BLOCK, PAINTED
4. ALL EXPOSED STEEL TO BE PAINTED METALLIC BRONZE

PLAN LEGEND

- FLOOR STRIPING, TYP.
- TRAFFIC COATING (TC-1)
- PAINTED ARROW, TYP.
- STEEL BOLLARD, TYP.
- FIRE EXTINGUISHER CABINET (SURFACE MOUNTED), TYP.
- SURFACE MOUNTED SIGNAGE TYP.
- (S) STANDARD PARKING STALL
- (A) ACCESSIBLE PARKING STALL
- (V) VAN ACCESSIBLE PARKING STALL

NOTE: REFER TO SHEET A3.603 - DETAILS - STRIPING FOR ADDITIONAL DIMENSIONS

PARKING COUNT

PARKING COUNT SUMMARY - 4 FLOORS

TYPE	COUNT
STANDARD	424
ADA - VAN	9
ADA - STANDARD	39
	472
LEVEL 04	
STANDARD	130
	130
LEVEL 03	
STANDARD	128
	128
LEVEL 02	
STANDARD	91
ADA - STANDARD	20
	111
LEVEL 01	
STANDARD	75
ADA - VAN	9
ADA - STANDARD	19
	103

NEW PARKING SPACES: 472
EXISTING PARKING SPACES: 190
NET TOTAL PARKING SPACES PROVIDED: 282

CLAYCO
THE ART & SCIENCE OF BUILDING
4300 EAST CAMELBACK STE 300
PHOENIX, AZ 85018
Ph 602.833.6050

Lamar Johnson Collaborative
4300 EAST CAMELBACK, STE 300
PHOENIX, AZ 85018
Ph 602.833.6050

PROGRESS PRINT

HONORHEALTH SHEA

HonorHealth
9003 E. Shea Blvd. Scottsdale, AZ 85260
Development Review Resubmittal

DRAWING ISSUE

#	DESCRIPTION	DATE
	SCHEMATIC DESIGN	06/21/24
	DESIGN DEVELOPMENT	08/23/24
	95% CONSTRUCTION DOCUMENTS	10/16/24

BUILDING MAP

DRAWING TITLE
OVERALL FLOOR PLAN - LEVEL 1

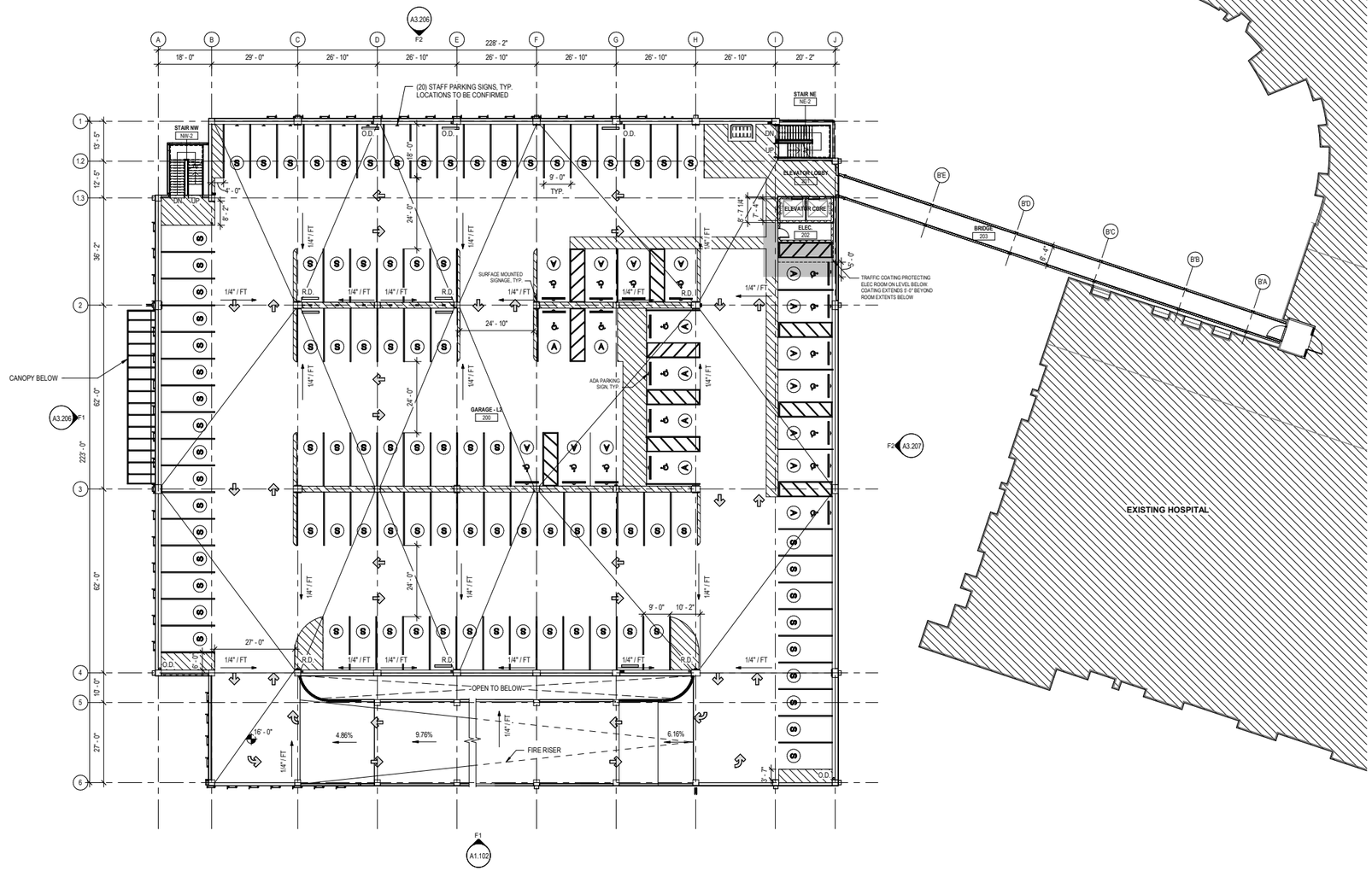
DRAWING NO.
A2.101

Job # 008229

PROJECT NORTH
TRUE NORTH

11/6/2024 1:41:44 PM

Copyright © Lamar Johnson Collaborative



F1 A2.102 LEVEL 02
1/16" = 1'-0"

PLAN NOTES

GENERAL NOTES

1. PAINT ALL SIDES OF CONCRETE COLUMNS, SPANDREL PANELS AT BUILDING PERIMETER.
2. PAINT ALL CMU AT ELEVATOR CORE & UNDER RAMP
3. CRASH WALL CMU TO BE GROUND FACE BLOCK, PAINTED
4. ALL EXPOSED STEEL TO BE PAINTED METALLIC BRONZE

PLAN LEGEND

- FLOOR STRIPING, TYP.
- TRAFFIC COATING (TC-1)
- PAINTED ARROW, TYP.
- STEEL BOLLARD, TYP.
- FIRE EXTINGUISHER CABINET (SURFACE MOUNTED), TYP.
- SURFACE MOUNTED SIGNAGE TYP.
- (S) STANDARD PARKING STALL
- (A) ACCESSIBLE PARKING STALL
- (V) VAN ACCESSIBLE PARKING STALL

NOTE: REFER TO SHEET A3.603 - DETAILS - STRIPING FOR ADDITIONAL DIMENSIONS

PARKING COUNT

PARKING COUNT SUMMARY - 4 FLOORS

TYPE	COUNT
STANDARD	424
ADA - VAN	9
ADA - STANDARD	39
	472

LEVEL 04

STANDARD	130
	130

LEVEL 03

STANDARD	128
	128

LEVEL 02

STANDARD	91
ADA - STANDARD	20
	111

LEVEL 01

STANDARD	75
ADA - VAN	9
ADA - STANDARD	19
	103

NEW PARKING SPACES: 472
EXISTING PARKING SPACES: 190
NET TOTAL PARKING SPACES PROVIDED: 282

CLAYCO
THE ART & SCIENCE OF BUILDING
4300 EAST CAMELBACK STE 300
PHOENIX, AZ 85018
Ph 602.833.6050

Lamar Johnson Collaborative
4300 EAST CAMELBACK, STE 300
PHOENIX, AZ 85018
Ph 602.833.6050

PROGRESS PRINT

HONORHEALTH SHEA

HonorHealth
9003 E. Shea Blvd. Scottsdale, AZ 85260
Development Review Resubmittal

DRAWING ISSUE

#	DESCRIPTION	DATE
	SCHEMATIC DESIGN	06/21/24
	DESIGN DEVELOPMENT	08/23/24
	90% CONSTRUCTION DOCUMENTS	10/16/24

BUILDING MAP

DRAWING TITLE
OVERALL FLOOR PLAN - LEVEL 2

DRAWING NO.
A2.102

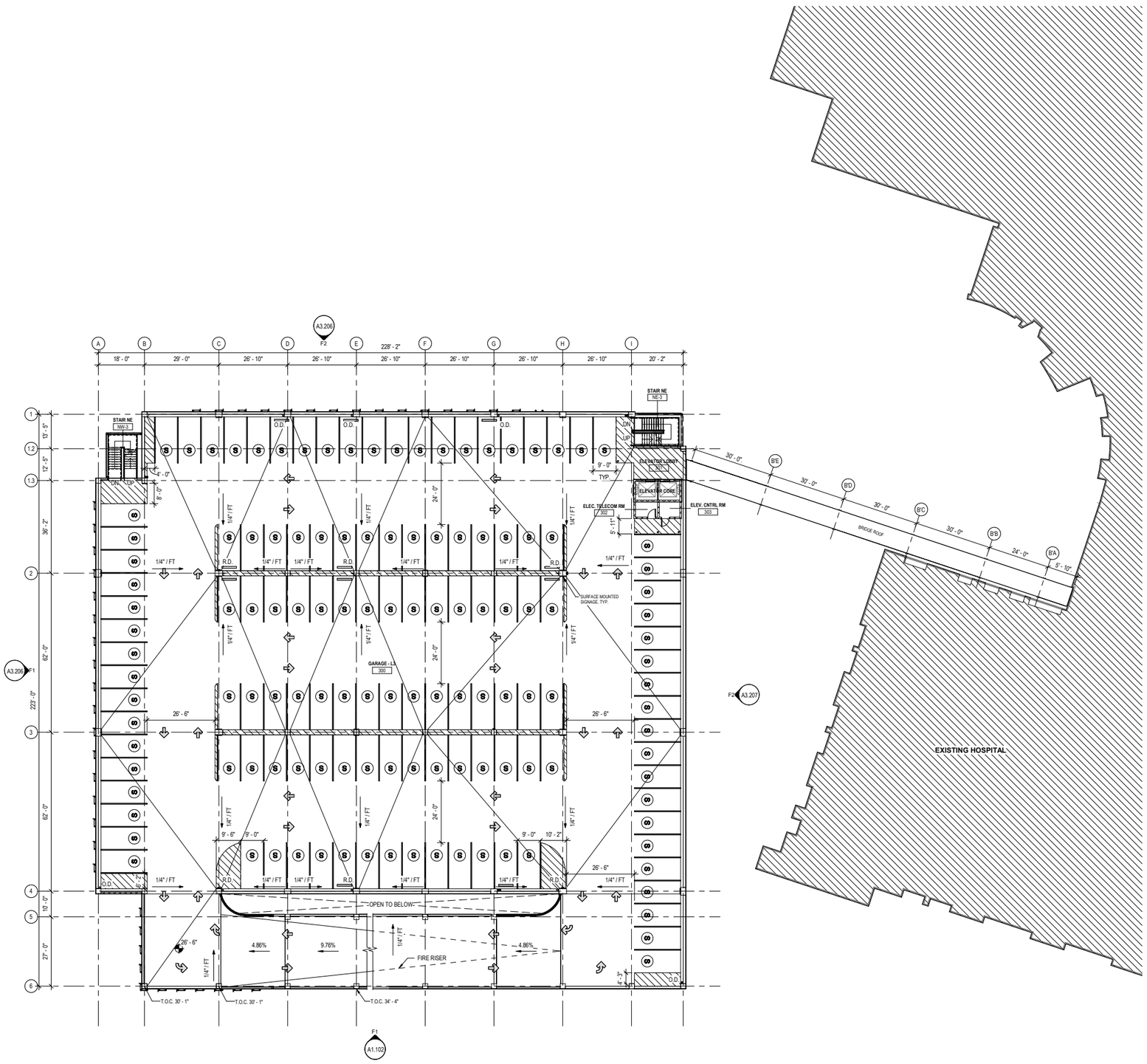
Job # 008229

26-DR-2024
11/13/2024

ATTACHMENT 20

Copyright © Lamar Johnson Collaborative

11/8/2024 4:43:45 PM



F1 LEVEL 03
A2.103 1/16" = 1'-0"

PROJECT NORTH
TRUE NORTH

PLAN NOTES

GENERAL NOTES

1. PAINT ALL SIDES OF CONCRETE COLUMNS, SPANDREL PANELS AT BUILDING PERIMETER.
2. PAINT ALL CMU AT ELEVATOR CORE & UNDER RAMP
3. CRASH WALL CMU TO BE GROUND FACE BLOCK, PAINTED
4. ALL EXPOSED STEEL TO BE PAINTED METALLIC BRONZE

PLAN LEGEND

- FLOOR STRIPING, TYP.
- TRAFFIC COATING (TC-1)
- PAINTED ARROW, TYP.
- STEEL BOLLARD, TYP.
- FIRE EXTINGUISHER CABINET (SURFACE MOUNTED), TYP.
- SURFACE MOUNTED SIGNAGE TYP.
- (S) STANDARD PARKING STALL
- (A) ACCESSIBLE PARKING STALL
- (V) VAN ACCESSIBLE PARKING STALL

NOTE: REFER TO SHEET A3.603 - DETAILS - STRIPING FOR ADDITIONAL DIMENSIONS

PARKING COUNT

PARKING COUNT SUMMARY - 4 FLOORS

TYPE	COUNT
STANDARD	424
ADA - VAN	9
ADA - STANDARD	39
	472
LEVEL 04	
STANDARD	130
	130
LEVEL 03	
STANDARD	128
	128
LEVEL 02	
STANDARD	91
ADA - STANDARD	20
	111
LEVEL 01	
STANDARD	75
ADA - VAN	9
ADA - STANDARD	19
	103

NEW PARKING SPACES: 472
EXISTING PARKING SPACES: 190
NET TOTAL PARKING SPACES PROVIDED: 282

CLAYCO
THE ART & SCIENCE OF BUILDING
4300 EAST CAMELBACK STE 300
PHOENIX, AZ 85018
Ph 602.833.6050

Lamar Johnson Collaborative
4300 EAST CAMELBACK, STE 300
PHOENIX, AZ 85018
Ph 602.833.6050

PROGRESS PRINT

HONORHEALTH SHEA

HonorHealth
9003 E. Shea Blvd. Scottsdale, AZ 85260
Development Review Resubmittal

DRAWING ISSUE

#	DESCRIPTION	DATE
	SCHEMATIC DESIGN	06/21/24
	DESIGN DEVELOPMENT	08/23/24
	95% CONSTRUCTION DOCUMENTS	10/16/24

BUILDING MAP

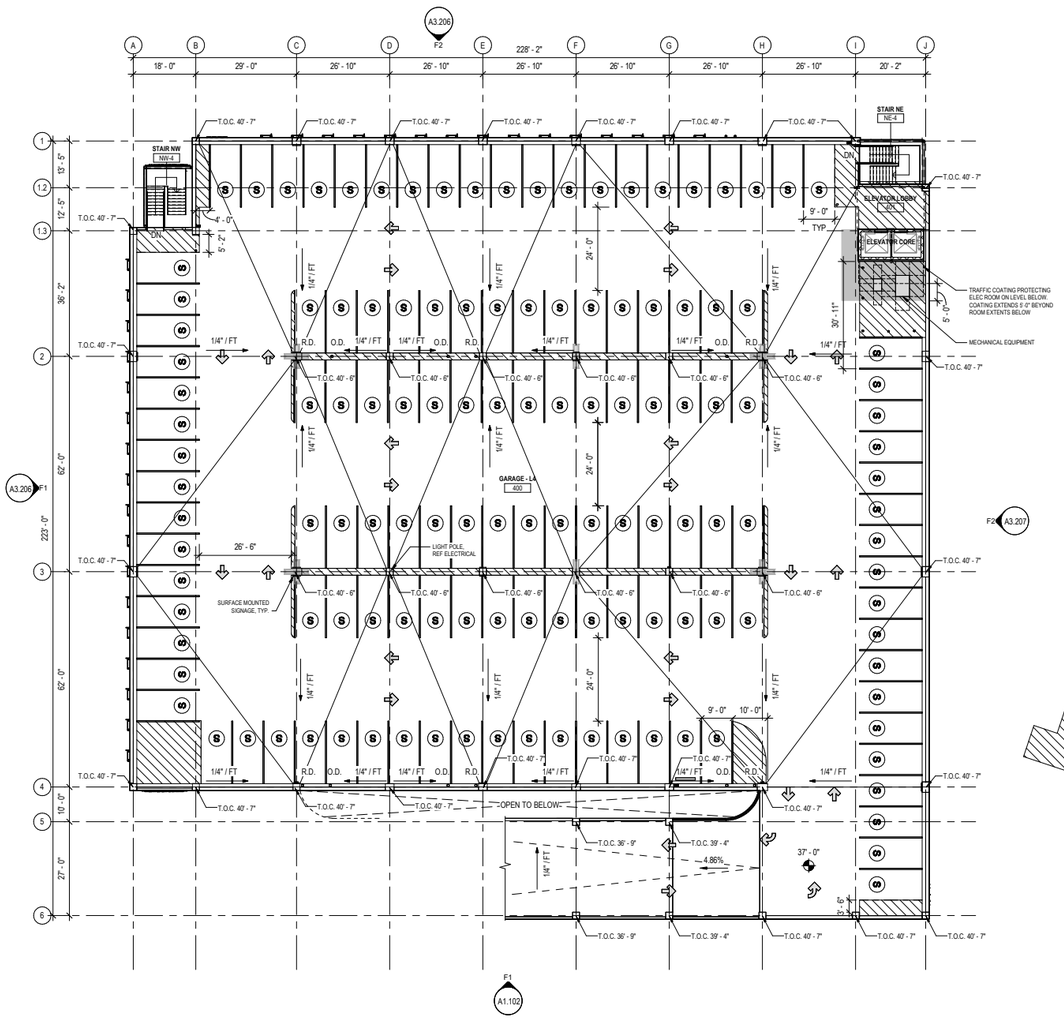
DRAWING TITLE
OVERALL FLOOR PLAN - LEVEL 3

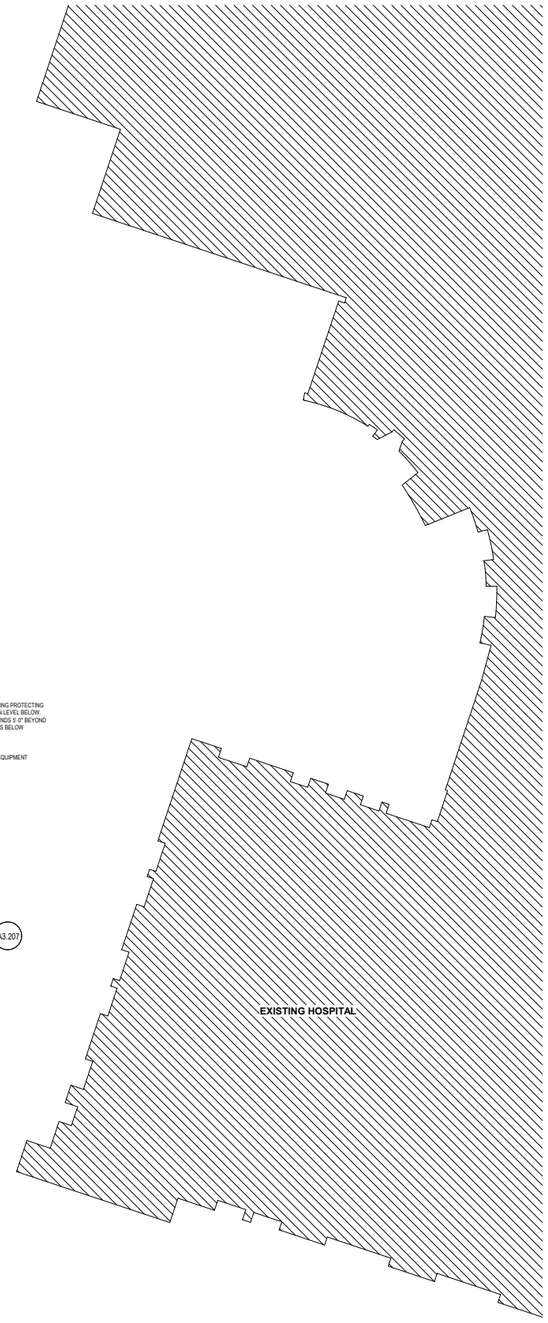
DRAWING NO.
A2.103

Job # 008229

11/8/2024 1:43:47 PM

Copyright © Lamar Johnson Collaborative





F1 / A2.104 LEVEL 04
1/16" = 1'-0"

PROJECT NORTH
TRUE NORTH

PLAN NOTES

GENERAL NOTES

1. PAINT ALL SIDES OF CONCRETE COLUMNS, SPANDREL PANELS AT BUILDING PERIMETER.
2. PAINT ALL CMU AT ELEVATOR CORE & UNDER RAMP
3. CRASH WALL CMU TO BE GROUND FACE BLOCK, PAINTED
4. ALL EXPOSED STEEL TO BE PAINTED METALLIC BRONZE

PLAN LEGEND

- FLOOR STRIPING, TYP.
- TRAFFIC COATING (TC-1)
- PAINTED ARROW, TYP.
- STEEL BOLLARD, TYP.
- FIRE EXTINGUISHER CABINET (SURFACE MOUNTED), TYP.
- SURFACE MOUNTED SIGNAGE TYP.
- (S) STANDARD PARKING STALL
- (A) ACCESSIBLE PARKING STALL
- (V) VAN ACCESSIBLE PARKING STALL

NOTE: REFER TO SHEET A3.603 - DETAILS - STRIPING FOR ADDITIONAL DIMENSIONS

PARKING COUNT

PARKING COUNT SUMMARY - 4 FLOORS

TYPE	COUNT
STANDARD	424
ADA - VAN	9
ADA - STANDARD	39
	472
LEVEL 04	
STANDARD	130
	130
LEVEL 03	
STANDARD	128
	128
LEVEL 02	
STANDARD	91
ADA - STANDARD	20
	111
LEVEL 01	
STANDARD	75
ADA - VAN	9
ADA - STANDARD	19
	103

NEW PARKING SPACES: 472
EXISTING PARKING SPACES: 190
NET TOTAL PARKING SPACES PROVIDED: 282

CLAYCO
THE ART & SCIENCE OF BUILDING
4300 EAST CAMELBACK STE 300
PHOENIX, AZ 85018
Ph 602.833.6050

Lamar Johnson Collaborative
4300 EAST CAMELBACK STE 300
PHOENIX, AZ 85018
Ph 602.833.6050

PROGRESS PRINT

HONORHEALTH SHEA

HonorHealth
9003 E. Shea Blvd. Scottsdale, AZ 85260
Development Review Resubmittal

DRAWING ISSUE

#	DESCRIPTION	DATE
	SCHEMATIC DESIGN	06/21/24
	DESIGN DEVELOPMENT	08/23/24
	95% CONSTRUCTION DOCUMENTS	10/16/24

BUILDING MAP

DRAWING TITLE
OVERALL FLOOR PLAN - LEVEL 4

DRAWING NO.
A2.104

Job # 008229

11/6/2024 1:43:48 PM

Copyright © Lamar Johnson Collaborative

Conceptual Phasing Plan

Existing Structures

Phase 1 (2010-2013)
(1) Surface Parking, (2) Tower-E and Main Plant Expansion

Phase 2 (2013-2015)
(3) Piper Surgery Center Relocation

Phase 3 (2016)
(5) Parking Garage, (6) Emergency Department Expansion

Phase 4 (2017)
(7) Parking Garage

Phase 5 (>2020)
(8) Hospital Expansion, (9)Tower-F, (10) Parking Garage, (11) Clinical Expansion,
(12) Piper Cancer Center Treatment Expansion, (13) Piper Center Cancer Research Expansion

Phase 6 (>2025)
(14) Medical Office MPI Replacement, (15) Medical Office MPII Replacement, (16) Medical Office Building, (17) Medical Office Building, (18) Medical Office Building, (19) Parking Garage, (20) New Patient Tower (Replace Tower-A and B)

Dates and order of phasing and/or phases are estimates only and for illustrative purposes. They are not binding and are subject to change unilaterally by Scottsdale Healthcare.

SCOTTSDALE HEALTHCARE®

DEVELOPMENT PLAN
Shea Medical Center

NORTH

Plans, designs, guidelines and other elements of this document are conceptual only and subject to future modification.